

Western Oil & Minerals Inc. | Fed.  
SE/4-NW/4 Sec 24-19N-10E 72  
Coconino, County

P-W

County COCONINO  
Area ANDERSON PT. ANTICLINE  
Lease No. AR 016658

Well Name WESTERN OIL & MINERALS INC./FEDERAL

Location SE NW Sec 24 Twp 19N Range 10E Footage 2454.06' FWL; 2129.09 FNL  
Elev 6394 LS DF 6398 KB Spud Date 4-16-59 Completed 8-23-61 Total 1730' PB  
Abandon 8-23-61 Depth 3020

Contractor \_\_\_\_\_

Casing Size	Depth	Cement	Drilled by Rotary	Cable Tool
<u>13 5/8</u>	<u>100</u>	<u>52 S X</u> <u>circulated</u>	<u>Production Horizon</u>	<u>X</u>
<u>8 5/8</u>	<u>1830</u>	<u>41 S X</u>	<u>Initial Production</u>	<u>P &amp; A</u>
<u>5 1/2</u>	<u>2558</u>	<u>pulled</u>		

REMARKS Helium Resources Inc. had a Farmout Agreement with Western Oil.  
Western Oil requested cancellation of its bond but was denied. Apparently there  
are two bonds on this well. Letter of 7-14-65 shows both bonds cancelled.  
#774408 as of 8-1-61 and 880859 as of 8-1-61.

Elec \_\_\_\_\_  
Logs \_\_\_\_\_  
Applic. \_\_\_\_\_  
to Plug X Plugging Record X Completion Report X  
Sample Log Am Strat  
Sample Descript. \_\_\_\_\_  
Sample Set T-1191 P-608  
Core Analysis \_\_\_\_\_  
DSTs \_\_\_\_\_

Water well accepted by \_\_\_\_\_

Bond Co. & No. Travelers Indemnity Company 880859 Helium Resources Western Oil

Bond Am't \$ 2,500 Canceled 8-1-61 Date 9-16-65 Organization Report X

Filing Receipt 77957 Dated 3-20-59 Well Book X Plat Book X

API No. 02-005-60008 Loc. Plat X Dedication SE/NW 24-19N-10E

Permit Number 72 Date Issued 4-11-59

Formation Tops	Scout	Sample	E. Log	Remarks
Coconino			280	
Ft. Apache			805	
Supai			820	
Naco			2710 (?)	
UOR 4-23-60	Tight hole			
	show non-inflammable gas			
	1869-2135			
Kaibab		0		
Coconino		280		
Upper Supai		820		
Ft. Apache		1810		
Lower Supai		1810		
Naco		2710		

DSTs

CORES: Intervals, analysis

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**WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG**

DESIGNATE TYPE OF COMPLETION:

New Well  Work-Over  Deepen  Plug Back  Same Reservoir  Different Reservoir  Oil  Gas  Dry

DESCRIPTION OF WELL AND LEASE

Operator <b>El Paso Natural Gas Products Company</b>		Address <b>Post Office Box 1560, Farmington, N. M. 87401</b>	
Lease Name <b>Walters</b>		Well Number <b>1</b>	Field & Reservoir <b>Wildcat</b>
Location <b>2160'N, 2567'W, Section 24, Township 19 North, Range 10 East, G&amp;SRB</b>			
County <b>Coconino</b>	Permit number <b>--</b>	Date issued <b>--</b>	Previous permit number <b>--</b>
Date spudded <b>4-14-59</b>	Date total depth reached <b>9-14-60</b>	Date completed, ready to produce <b>--</b>	Elevation (RKB, RT or Gr.) <b>6394 D. F.</b> feet
Total depth <b>3020'</b>	P.B.T.D. <b>1730'</b>	Single, dual or triple completion? <b>--</b>	Elevation of casing hd. range <b>6394</b> feet
Producing interval (s) for this completion <b>None</b>		Rotary tools used (interval)	Cable tools used (interval) <b>0 - 3020'</b>
Was this well directionally drilled? <b>No</b>	Was directional survey made? <b>No</b>	Was copy of directional survey filed?	Date filed
Type of electrical or other logs run (check logs filed with the commission) <b>None</b>			Date filed

CASING RECORD

Casing (report all strings set in well—conductor, surface, intermediate, producing, etc.)

Purpose	Size hole drilled	Size casing set	Weight (lb./ft.)	Depth set	Sacks cement	Amt. pulled
Surface	15"	13-3/8"	48.00	100'	52	None
Water Shutoff	10-1/4"	8-5/8"	36.00	1831	41	None
Water Shutoff	7-7/8"	5-1/2"	15.50	2558	None	2558'

TUBING RECORD

LINER RECORD

Size	Depth set	Packer set at	Size	Top	Bottom	Sacks cement	Screen (ft.)
None	in.	ft.	in.	None	ft.		

PERFORATION RECORD

ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD

Number per ft.	Size & type	Depth Interval	Amt't. & kind of material used	Depth Interval
None			- None	

INITIAL PRODUCTION

Date of first production  
**None**

Producing method (indicate if flowing, gas lift or pumping—if pumping, show size & type of pump:)

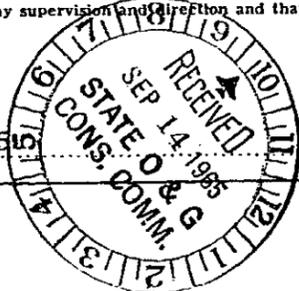
Date of test	Hrs. tested	Choke size	Oil prod. during test	Gas prod. during test	Water prod. during test	Oil gravity
			bbls.	MCF	bbls.	* API (Corr)

Tubing pressure	Casing pressure	Cal'd rate of Production per 24 hrs.	Oil	Gas	Water	Gas-oil ratio
			bbls.	MCF	bbls.	

Disposition of gas (state whether vented, used for fuel or sold):

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the Agent of the El Paso Natural Gas Products Co. (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

September 13, 1965  
Date



*Lawell M. Walsh*  
Signature

STATE OF ARIZONA OIL & GAS  
CONSERVATION COMMISSION  
Well Completion or Recompletion Report and Well Log  
Form No. P-7 File two copies  
Authorized by Order No. 4-8-59  
Effective April 6, 19 59

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DETAIL OF FORMATIONS PENETRATED

Formation	Top	Bottom	Description*
Kaibab	0	280	Gray to buff, cherty, fossiliferous, crystalline limestone with minor sand and shale.
Coconino	280	820	White to yellow, fine grained, high cross-bedded sandstone.
Upper Supai	820	1810	Reddish-brown to gray-brown sandstone, siltstone, and shale, with local limestone stringers.
Fort Apache (Mbr.)	1810	1830	Lt. gry., dense, silty limestone.
Lower Supai	1810	2710	
Naco	2710	3020 TD	Reddish brown to brown sandstone, siltstones, and shales with interbedded cherty, nodular, gray limestone.

NOTE: Well plugged and abandoned September 2, 1965.

Cement plug (50 sacks) set from 1730' to 1900'.  
Removable cap put on 8-5/8" casing in the event the well is to be completed as a water well.

\* Show all important zones of porosity, detail of all cores, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

INSTRUCTIONS:

Attach drillers log or other acceptable log of well.

This Well Completion or Recompletion report and well log shall be filed with the State of Arizona Oil & Gas Conservation Commission not later than thirty days after project completion.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE\*  
(See other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input checked="" type="checkbox"/> Other _____		5. LEASE DESIGNATION AND SERIAL NO. <b>Arizona 028641</b>	
1b. TYPE OF COMPLETION: NEW WELL <input type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other <b>P &amp; A</b>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR <b>El Paso Natural Gas Products Company</b>		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR <b>Post Office Box 1540, Farmington, New Mexico 87401</b>		8. FARM OR LEASE NAME <b>Walters</b>	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface <b>2160'N, 2367'W, Section 24, T19N, R10E, C&amp;SRB</b> At top prod. interval reported below At total depth		9. WELL NO. <b>1</b>	
14. PERMIT NO.		10. FIELD AND POOL, OR WILDCAT <b>Wildcat</b>	
DATE ISSUED		11. SEC., T., R., M., OR BLOCK AND SURVEY OF AREA <b>Sec. 24, T19N, R10E G &amp; SRB</b>	
15. DATE SPUNDED <b>4-14-59</b>		12. COUNTY OR PARISH <b>Cocconino</b>	
16. DATE T.D. REACHED <b>9-14-60</b>		13. STATE <b>Arizona</b>	
17. DATE COMPL. (Ready to prod.) <b>--</b>		18. ELEVATIONS (DF, RKB, BT, GR, ETC.)* <b>6394' D.F.</b>	
19. ELEV. CASINGHEAD <b>6394'</b>		20. TOTAL DEPTH, MD & TVD <b>3020'</b>	
21. PLUG, BACK T.D., MD & TVD <b>1720'</b>		22. IF MULTIPLE COMPL., HOW MANY* <b>--</b>	
23. INTERVALS DRILLED BY <b>→</b>		24. ROTARY TOOLS <b>→</b>	
25. CABLE TOOLS <b>0 - 3020'</b>		26. WAS DIRECTIONAL SURVEY MADE <b>No</b>	
27. TYPE ELECTRIC AND OTHER LOGS RUN <b>None</b>		28. WAS WELL CORED <b>No</b>	
29. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	AMOUNT PULLED
<b>13-3/8"</b>	<b>48.00</b>	<b>100'</b>	<b>None</b>
<b>8-5/8"</b>	<b>36.00</b>	<b>1891'</b>	<b>None</b>
<b>5-1/2"</b>	<b>18.50</b>	<b>2558'</b>	<b>2558'</b>
30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	PACKER SET (MD)
<b>None</b>			
31. PERFORATION RECORD (Interval, size and number)			
<b>None</b>			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED		
<b>None</b>			
33. PRODUCTION			
DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)		WELL STATUS (Producing or shut-in)
<b>None</b>			<b>P &amp; A</b>
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD
			<b>→</b>
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL. GAS—MCF. WATER—BBL. OIL GRAVITY-API (CORR.)
		<b>→</b>	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)			TEST WITNESSED BY
35. LIST OF ATTACHMENTS			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			
SIGNED	TITLE		DATE
<b>Original Signed EWELL N. WALSH</b>	<b>Division Petroleum Engineer</b>		<b>September 14, 1963</b>

\*(See Instructions and Spaces for Additional Data on Reverse Side)

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# INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions. Sample and core analysis, all types electric, etc.), formations and/or State laws and regulations. All attachments should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. Consult local State and pressure tests, and directional surveys, should be described in accordance with Federal requirements. Consult local State should be listed on this form, see item 36.

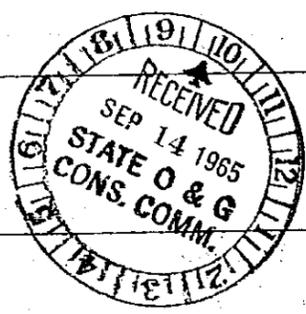
**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29:** "Seals Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

**Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

FORMATION	37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THINNESS; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CURSION USED, FLOWING AND SHUT-IN PRESSURES, AND RECOVERY		DESCRIPTION, CONTENTS, ETC.	38. GEOLOGIC MARKERS		
	TOP	BOTTOM		NAME	MEAN DEPTH	THICKNESS DEPTH
Kalbar	0	200	Gray to buff, cherty, fossiliferous, crystalline limestone with minor sand and shale.			
Cocaine	200	420	White to yellow, fine grained, high cross-bedded sandstone.			
Upper Segal	628	1910	Reddish-brown to gray-brown sandstone, siltstone, and shale, with local limestone stringers.			
Fort Apache (Mar.)	1810	1830	Lt. gry., dense, silty limestone.			
Lower Segal	1810	2710				
Mace	2710	3030TD	Reddish brown to brown sandstone, siltstone, and shales with interbedded cherty, nodular, gray limestone.			
	NOTE:		Well plugged and abandoned September 2, 1965. Cement plug (50 sacks) set from 1730' to 1900'.			



Removable cap put on 9-14-65 casing to the extent the well is to be completed as a water well.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN THIS DATE\*  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. <b>Arizona 028641</b>																				
2. NAME OF OPERATOR <b>El Paso Natural Gas Products Company</b>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME																				
3. ADDRESS OF OPERATOR <b>Post Office Box 1560, Farmington, New Mexico 87401</b>		7. UNIT AGREEMENT NAME																				
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface <b>2160'N, 2567'W, Section 24, Township 19 North, Range 10 East</b>		8. FARM OR LEASE NAME <b>Walters</b>																				
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, CR, etc.) <b>6394' D. F.</b>	9. WELL NO. <b>1</b>																				
16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data		10. FIELD AND POOL, OR WILDCAT <b>Wildcat</b>																				
<table border="0"> <tr> <td colspan="2">NOTICE OF INTENTION TO:</td> <td colspan="2">SUBSEQUENT REPORT OF:</td> </tr> <tr> <td>TEST WATER SHUT-OFF <input type="checkbox"/></td> <td>PULL OR ALTER CASING <input type="checkbox"/></td> <td>WATER SHUT-OFF <input type="checkbox"/></td> <td>REPAIRING WELL <input type="checkbox"/></td> </tr> <tr> <td>FRACTURE TREAT <input type="checkbox"/></td> <td>MULTIPLE COMPLETE <input type="checkbox"/></td> <td>FRACTURE TREATMENT <input type="checkbox"/></td> <td>ALTERING CASING <input type="checkbox"/></td> </tr> <tr> <td>SHOOT OR ACIDIZE <input type="checkbox"/></td> <td>ABANDON* <input type="checkbox"/></td> <td>SHOOTING OR ACIDIZING <input type="checkbox"/></td> <td>ABANDONMENT* <input checked="" type="checkbox"/></td> </tr> <tr> <td>REPAIR WELL <input type="checkbox"/></td> <td>CHANGE PLANS <input type="checkbox"/></td> <td>(Other) <input type="checkbox"/></td> <td></td> </tr> </table>		NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:		TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>	FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>	SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input checked="" type="checkbox"/>	REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <b>Sec. 24, T19N, R10E G4558</b>
NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:																				
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>																			
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		12. COUNTY OR PARISH <b>Cocconino</b>																				
		13. STATE <b>Arizona</b>																				

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
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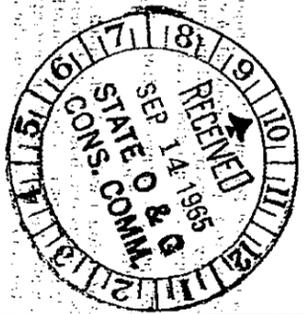
(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

**September 2, 1965**

**This well was plugged and abandoned in the following manner:**

- Set 170' (50 sacks) cement plug from 1750' to 1900'.  
8-5/8" casing set at 1850'.**
- Removable cap set in top of 8-5/8" casing and well left in condition to complete as water well.**



18. I hereby certify that the foregoing is true and correct  
SIGNED **Original Signed EWELL N. WALSH** TITLE **Division Petroleum Engineer** DATE **September 14, 1965**

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

Form 9-331  
(May 1963)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE\*  
(Other instructions on re-  
verse side)

Form approved  
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. <b>Arizona 028641</b>
2. NAME OF OPERATOR <b>El Paso Natural Gas Products Company</b>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR <b>Post Office Box 1560, Farmington, New Mexico 87401</b>		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface <b>2160/N, 2567'/W, Section 24, Township 19 North, Range 10 East.</b>		8. FARM OR LEASE NAME <b>Walters</b>
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>6394' D.F.</b>	9. WELL NO. <b>1</b>
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NOTICE OF INTENTION TO:		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <b>Sec. 24, T19N, R10E GASRB</b>
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	12. COUNTY OR PARISH <b>Cocconino</b>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	13. STATE <b>Arizona</b>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input checked="" type="checkbox"/>	
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SHOOTING OR ACIDIZING <input type="checkbox"/>		ABANDONMENT* <input type="checkbox"/>
(Other) <input type="checkbox"/>		
(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)		

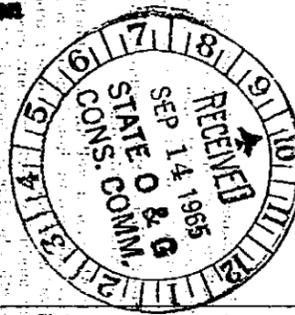
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

**VERBAL APPROVAL RECEIVED AUGUST 30, 1965.**

**T.D. 3020'.**

**This well will be plugged and abandoned in the following manner:**

- Set 170' (50 sacks) cement plug from 1730' to 1900'.  
8-5/8" casing set at 1830'.**
- Removable cap set in top of 8-5/8" casing and well left in condition to complete as water well.**



18. I hereby certify that the foregoing is true and correct

SIGNED Original Signed EWELL N. WALSH TITLE Division Petroleum Engineer DATE September 13, 1965

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

#72

April 7 65

\* Telephone with Dick Krahl USGS Farmington.  
El Paso Products bought this lease 1962  
(from Jim Lickett(?)) Last operations on  
this well about 1960. Products has  
taken over responsibility of plugging  
(U.S. Fid. & G. Co. - nation-wide bond).  
Contact Ewell N. Walsh - Products - Box  
1560, Farmington. Forest Service interested  
they consider the rig (still over hole) as  
unsightly.

BOND NO. 774408

AMOUNT \$2,500

CANCELLED no

ORGANIZATION REPORT yes

@ Western Oil & Minerals - bond  
with Travelers Ind. Co. (Surety)  
Cancelled(?)

El Paso Natural Gas  
taking over plugging etc

# 72

Western Minerals, Inc.  
Apache County  
Cocouino

TD 3010  
8 5/8" @ 1830  
13 5/8" @ 100' circulated

17500 A approx in blk  
1805 A # 016658 Federal Lease - Drill site

Francis P. O'Neill Attorney of Denver

Jesse Richles - Pres of Helium Resources also Pres of  
Nebraska Drillers in 1st Natl Bk Bldg - Denver  
Reputable (AM 61769)

Call for name  
1/19/61

Francis P. O'Neill - Attorney

Office: 946 Washington  
Phone: AC 21579  
Home: 500 Dudley BE 36392

13,500 A roughly FO to Helium Resources

O'Neill gave the check for \$902.50 for lease # 016658  
but returned owing to insufficient funds. Lease declared  
null & void when it was returned.

A Mr. Jones of New Orleans drew the lease  
Mr. Helmsdaller, of Supr of Land Office, Bureau of  
Land Management, has complete file - See them

~~Also see who~~  
Helmsdaller did not accept the ~~assignment~~ <sup>operating agreement</sup>  
from puttee to O'Neill because O'Neill's check  
bounced.

O'Neill appealed to the Bureau of Land Management  
in Washington to set aside lease obtain by Jones  
of New Orleans. - Denied. Appealed several times  
to the Secretary of Interior where it is now.

Get exact dates of appeal from Helmsdaller  
who should have copies.  
Fished Construction Co. of ~~the~~ <sup>allison</sup> Jones put  
up money to cut hole

Western Minerals drilled to a TD of 2710' then  
on May 24<sup>th</sup> 1960 Operating Agreement ~~was~~ ~~filled~~  
with Helium Resources ~~the~~ Agreement then had  
to be filed with ~~the~~ Bureau of Land Management but  
returned in August unaccepted but in mean time  
Helium had drilled to present TD of 3010 without  
a permit.

Good water found @ 1305'

Rabbit Bros ~~has~~ made offer of \$1000 to take  
over as water well.

El Paso Products very interested in deepening.  
They have approx 100,000 acres around Nuttall's  
block. Jim Vandiver of El Paso in Farmington  
knows story. Hold this info in strict confidence.

(Talked to Jesse Nickles and he informed me  
that he has no interest in Helium Resources, that  
he wants nothing to do with O'Neil although  
he (Nickles signed FO agreement as President of  
Helium)

James M. Patten - Arizona Pulp & Paper Co. - Floydoff  
Just a friend of Floyd's. He is to move all equip.  
to Floydoff.

Frankhouse of Denver has been in contact with Floyd  
stating that he has a party that wants 10,000 acres of  
Floyd's lease.

"act of July 29, 1950"

Public Law 555 states lease automatically  
terminates by statute by non-payment  
of rental

Jones drew top priority to file a lease

Appeal ~~was~~ dismissed in Wash Jan 12, 1961

Lease not issued to Jones  
Paper and lease not returned



10-11-69

MAR 20 10 03 AM 1969

STATE OF TEXAS

WESTERN OIL AND MINERALS, INC.

710 South Fourth Street  
Las Vegas, Nevada  
Telephone Dudley 2-8284

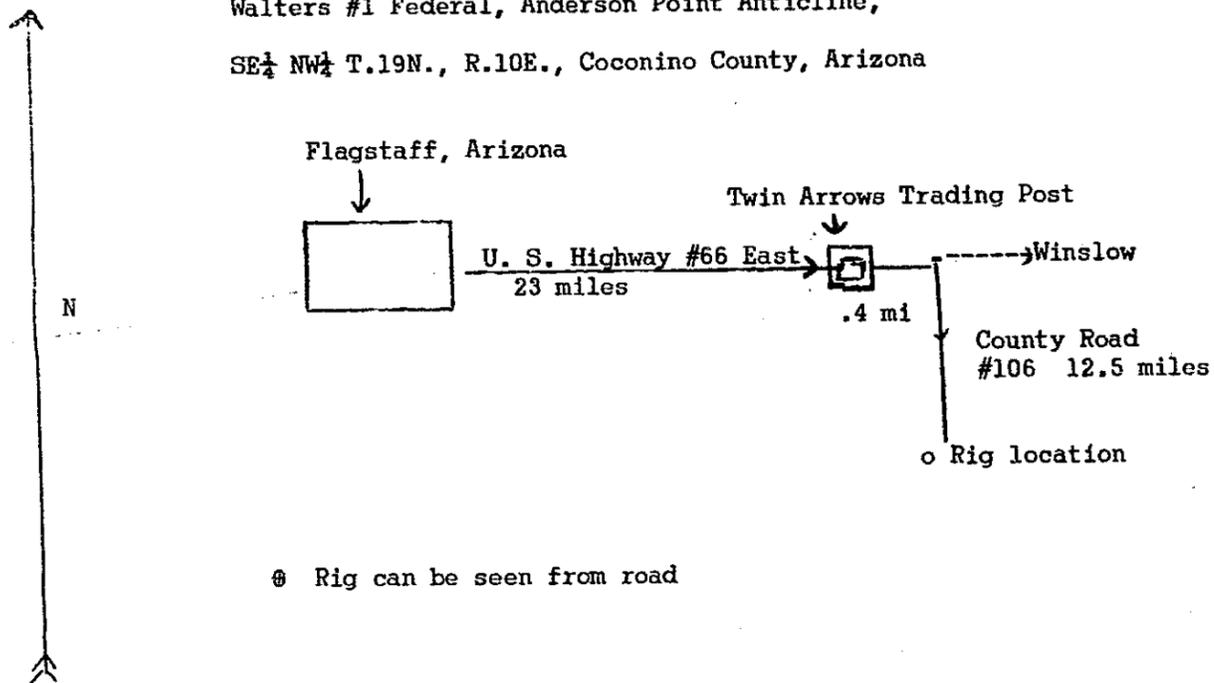
Denver, Colorado  
330 Petroleum Club Bldg.  
AComa 2-1579

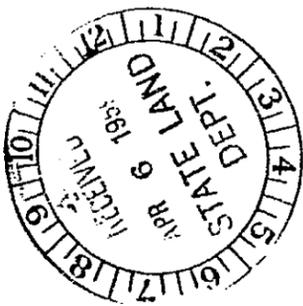
*Reply to: General Delaney  
Flagstaff, Arizona*

LOCATION

OIL/GAS TEST WELL

Walters #1 Federal, Anderson Point Anticline,  
SE $\frac{1}{4}$  NW $\frac{1}{4}$  T.19N., R.10E., Coconino County, Arizona

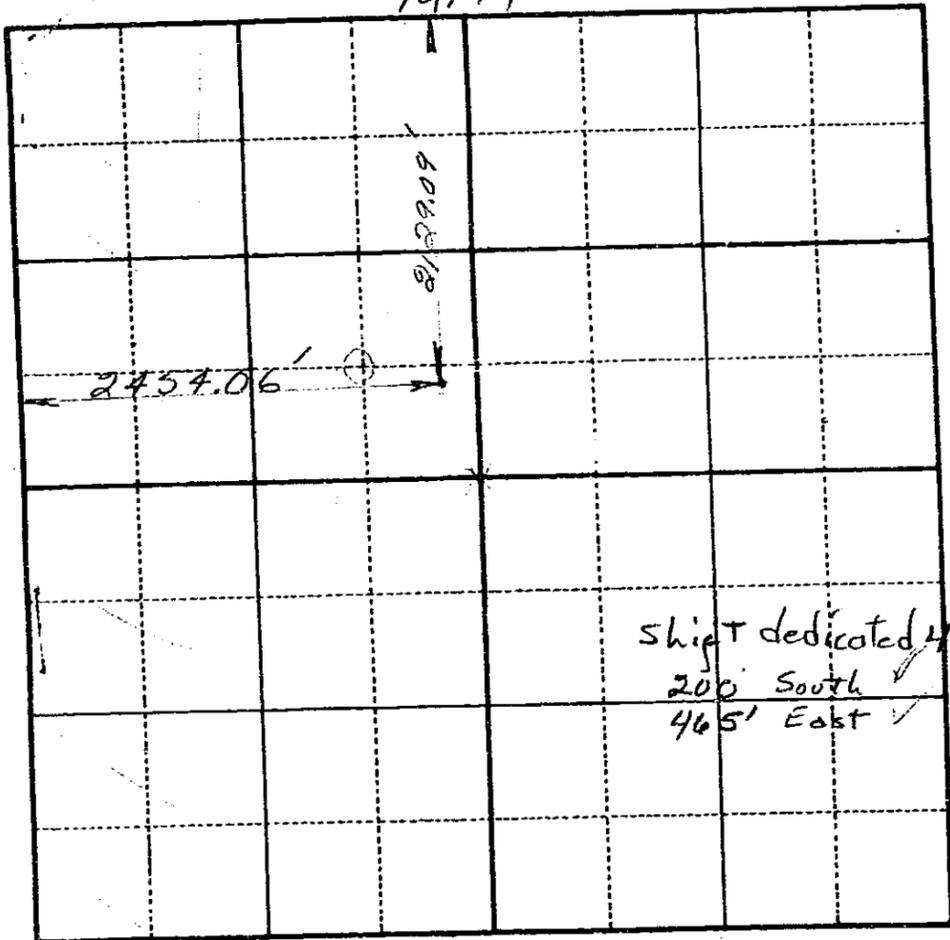




5448



SEC. 24 T. 19N R. 10E  
 Mean Declination 13° 57' E  
 May 1885  
 79.94



Ship T dedicated 40 ac  
 200 South ✓  
 465' East ✓

SCALE 1" = 1000'

ABSTRACTED 80.14 AREA 690.00

PLAT OF SURVEY FILED

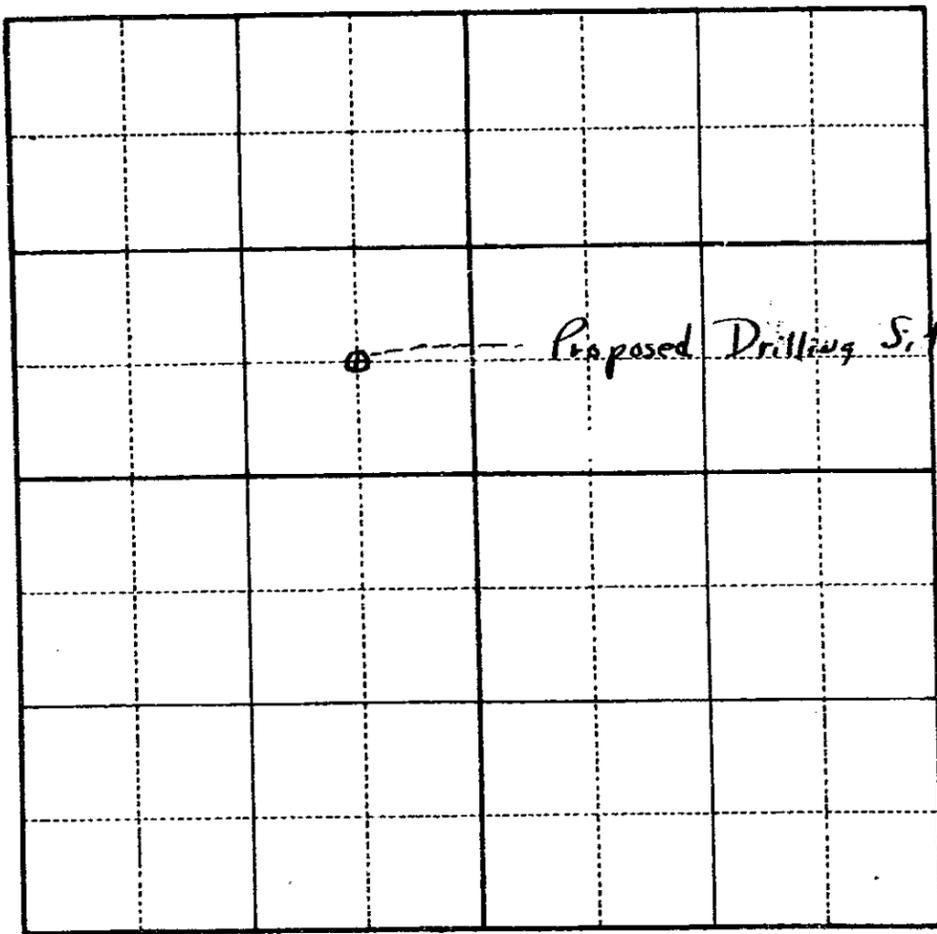
2774.60  
 2641.32  
 133.28

80.04  
 66  
 480 24  
 4802 4  
 5282.64

72

Copy of Rules to:  
Henry Querty  
3508 N. Geronimo Ave  
Tucson, Arizona

SEC. 24 T. 19N R. 10E



SCALE 1" = 1000'

ABSTRACTED \_\_\_\_\_ AREA \_\_\_\_\_

PLAT OF SURVEY FILED \_\_\_\_\_

C/SE NW

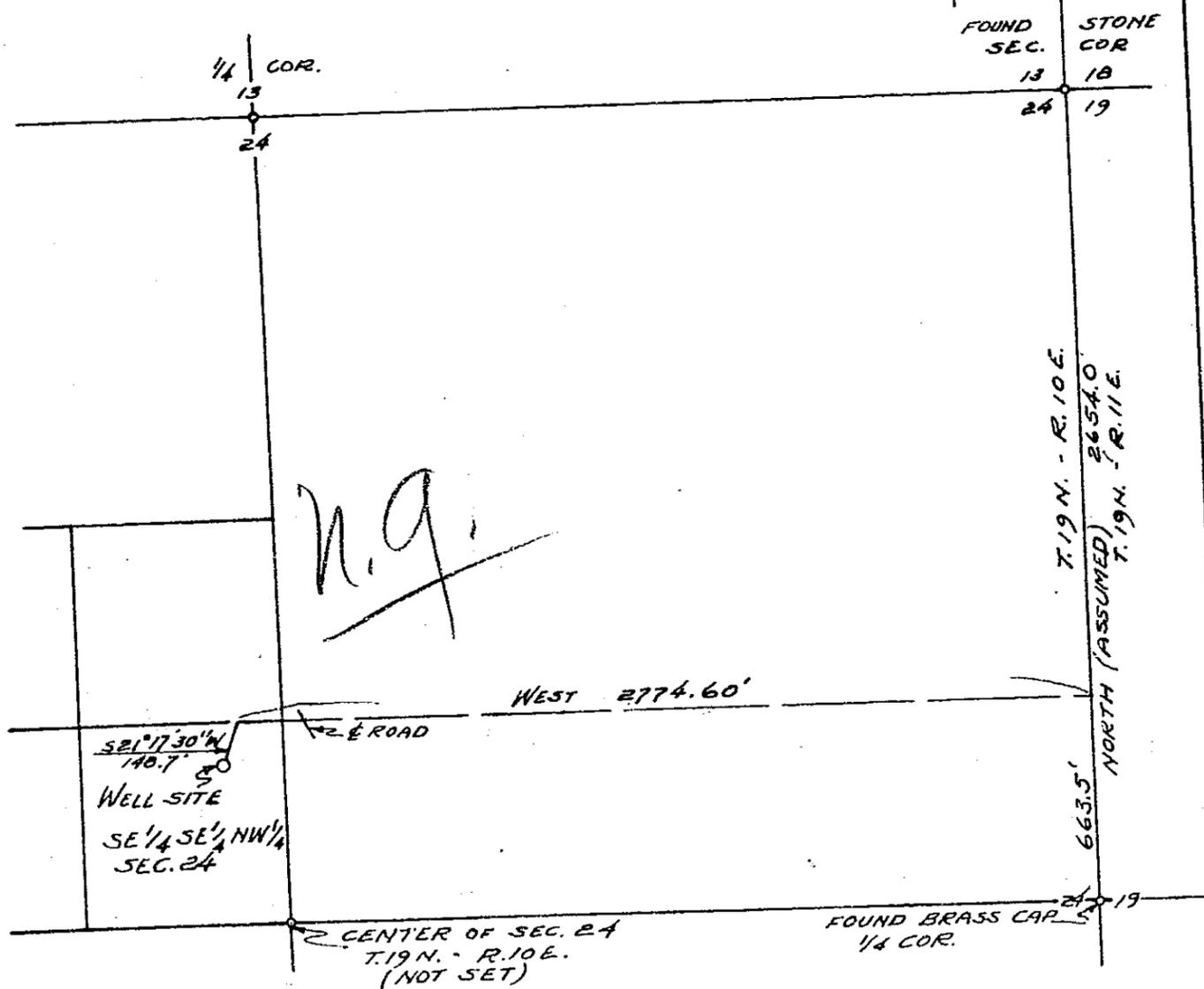
WESTERN OIL & MINERALS, INC  
Proposed Drilling Site.

72

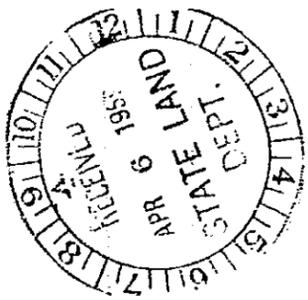
Plat showing location of  
 Walters #1 Well Site - Federal,  
 Anderson Point Anticline  
 SE $\frac{1}{4}$  SE $\frac{1}{4}$  NW $\frac{1}{4}$ , T. 19 N., R. 10 E.  
 G. & S. R. B. & M., Coconino County, Arizona  
 Western Oil & Minerals, Inc.

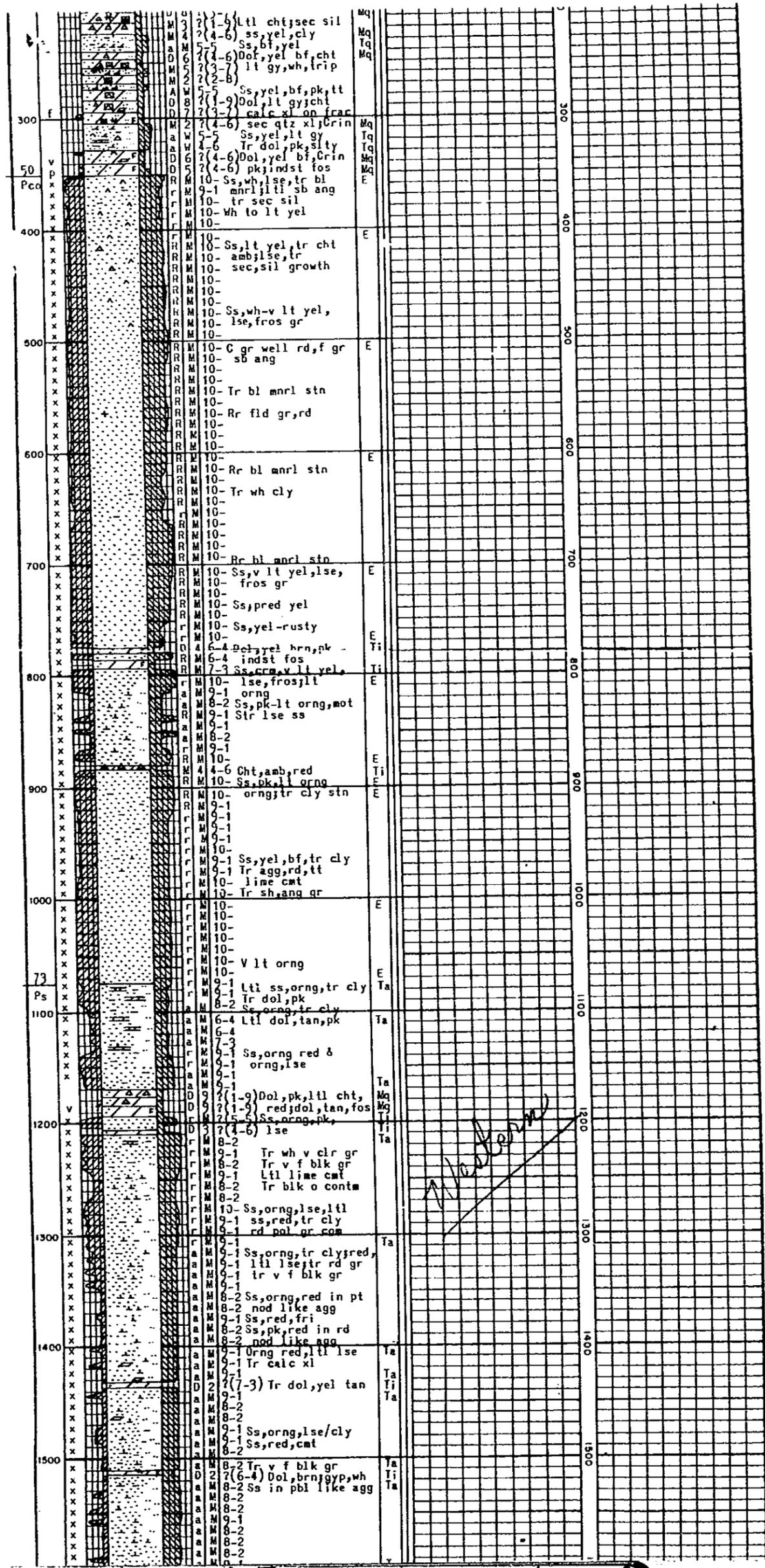


SCALE 1" = 500'  
 APRIL 1959

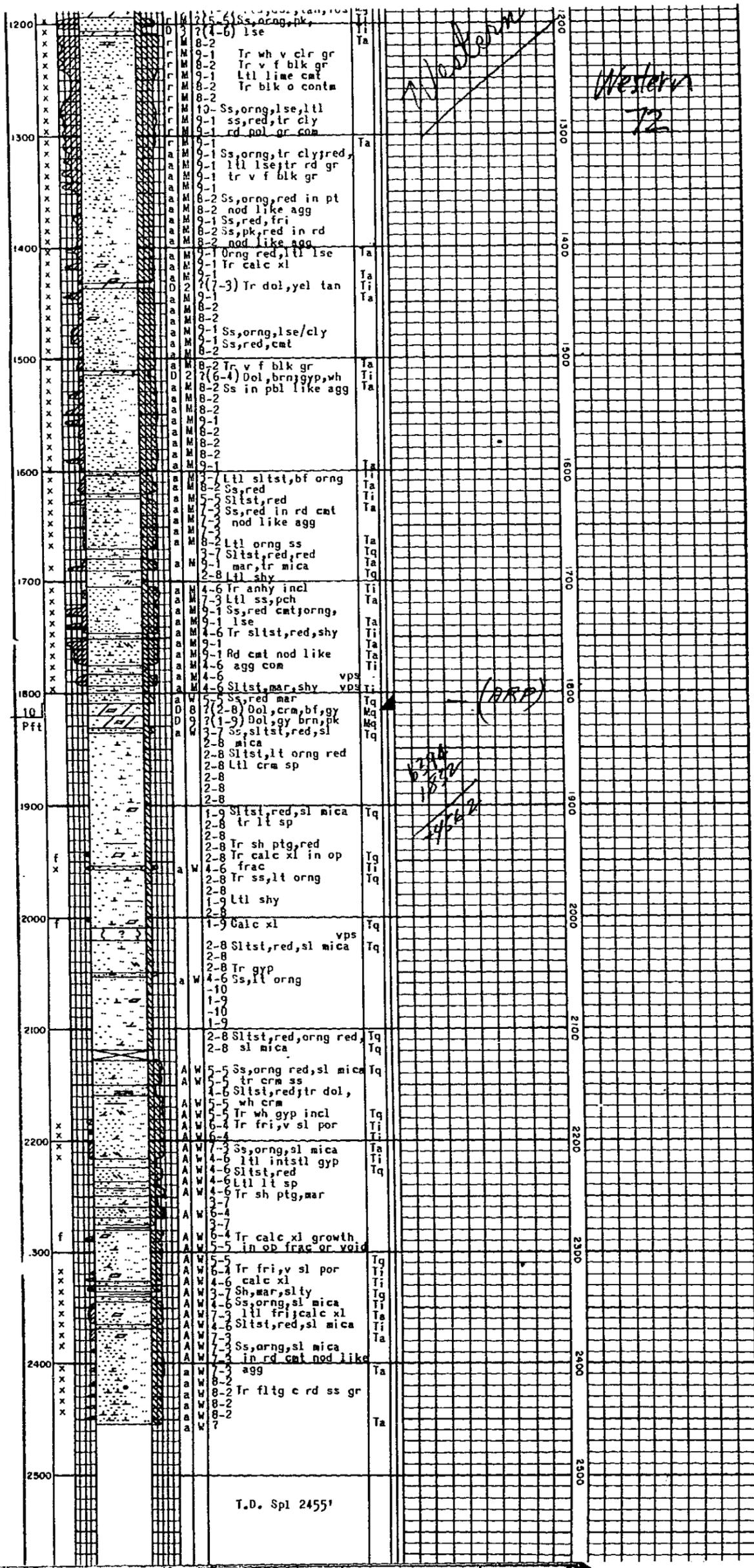


5448





*M. 1000*



T.D. Spl 2455'

RECORD OF OGCC MATERIAL TAKEN FROM OFFICE TO BE RETURNED

15 boxes of samples to be shipped Fed-Ex  
as follows:

Description of Material:

Western Dts, S/N 603: ① 0-1064, ② 1064-2865, ③ 2865-4159, ④ 4159-4662

72 Western Oil & Minerals, S/N 608: ① 3-1250, ② 1250-2050, ③ 2050-2455

Picket #1 Padde Canyon, S/N 1271: ① 150-2000, ② 2000-3595

Skelly #1 Fed-A, S/N 1388: ① 0-1400, ② 1400-2700, ③ 2700-4030

Eastern #1 Fed Mogui Babelo, S/N 1469 ① 215-170, ② 1710-2600, ③ 2600-3250

I, (print) \_\_\_\_\_, representing \_\_\_\_\_

\_\_\_\_\_, whose address is \_\_\_\_\_

\_\_\_\_\_, and whose phone number is \_\_\_\_\_

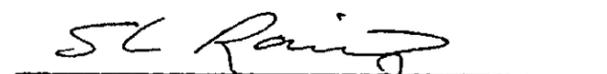
*to be shipped via Fed Ex*  
(am in receipt) of the above described material this \_\_\_\_\_ day of \_\_\_\_\_

19 \_\_, and will return same to the OGCC office on the \_\_\_\_\_ day of \_\_\_\_\_

19 \_\_. *Sample Policy attached.*

  
(Signature)

Authorized by:



# FedEx USA Airbill

Tracking Number **2825311683**

268245 **Sender's Copy**  
00014/00090

**1 From (please print)**  
Date 8/13/97 Sender's FedEx Account Number 1070-0064-0

Sender's Name STEVEN L RAUZI Phone (520) 770-3500  
Dept./Floor/Suite/Room

Company ARIZONA GEOLOGICAL SURVEY

Address 416 W CONGRESS

City TUCSON State AZ Zip 85701

**2 Your Internal Billing Reference Information**  
(Optional) (First 24 characters will appear on invoice)

**3 To (please print)**  
Recipient's Name ROBERT S FOOTE Phone (520) 972-214 972-986-5422  
Dept./Floor/Suite/Room

Company GEOSCIENCE & TECHNOLOGY INC

Address 1328 ETAIN  
(No "HOLD" at FedEx location, print FedEx address bars) (We Cannot Deliver to P.O. Boxes or P.O. Zip Codes)

City IRVING State TX Zip 75060

**For HOLD at FedEx Location check here**  
 Hold Weekday (Not available with FedEx First Overnight)  
 Hold Saturday (Not available at all locations. Not available with FedEx First Overnight or FedEx Standard Overnight)

**For Saturday Delivery check here**  
 Extra Charge (Not available at all locations. Not available with FedEx First Overnight or FedEx Standard Overnight)

Service Conditions, Declared Value, and Limit of Liability - By using this AIRBILL, you agree to the service conditions in our current Service Guide or U.S. Government Service Guide. Both are available on request. SEE BACK OF SENDER'S COPY OF THIS AIRBILL FOR INFORMATION AND ADDITIONAL TERMS. We will not be responsible for any claim in excess of \$100 per package whether the result of loss, damage, or delay, non-delivery, misdelivery, or misidentification, unless you declare a higher value, pay an additional charge, and document your actual loss in a timely manner. Your right to recover from us for any loss includes intrinsic value of the package, loss of sales, interest, profit, attorney's fees, costs, and other forms of damage, whether direct, incidental, consequential, or special, and is limited to the greater of \$100 or the declared value but cannot exceed actual documented loss. The maximum declared value for any FedEx Letter and FedEx Pak is \$500. Federal Express may, upon your request, and with some limitations, refund all transportation charges paid. See the FedEx Service Guide for further details.

Questions?  
Call 1-800-Go-FedEx (1-800-463-3339)

*The World On Time.*

**4a Express Package Service Packages under 150 lbs.** Delivery commitment may be later in some areas.  
 FedEx Priority Overnight (Next business morning)  FedEx Standard Overnight (Next business afternoon)  FedEx 2Day (Second business day)

NEW FedEx First Overnight (If pre-empt next business morning delivery in select locations. Higher rates apply) \*FedEx Letter Rate not available. Additional charge. One pound FedEx 2Day rate.

**4b Express Freight Service Packages over 150 lbs.** Delivery commitment may be later in some areas.  
 FedEx Overnight Freight (Next business day service for any distance)  FedEx 2Day Freight (Second business day service for any distance)  FedEx Express Saver Freight (3 to 5 business day service based upon distance)  
(Call for delivery schedule. See back for detailed descriptions of freight products.)

**5 Packaging**  FedEx Letter (Declared value limit \$500)  FedEx Pak  FedEx Box  FedEx Tube  Other Pkg.

**6 Special Handling**  
Does this shipment contain dangerous goods?  Yes (See per attached Shipper's Declaration)  No  Yes (Shipper's Declaration required)  
 Dry Ice (Dry Ice, 3, UN 1845 III (Dangerous Goods Shipper's Declaration not required))  CA  Cargo Aircraft Only

**7 Payment**  
Bill to:  Sender (Account no. in section 1 will be billed)  Recipient (Enter FedEx account no. or Credit Card no. below)  Third Party  Credit Card  Cash/Check

FedEx Account No. \_\_\_\_\_ Exp. Date \_\_\_\_\_  
Credit Card No. \_\_\_\_\_

Total Packages	Total Weight	Total Declared Value	Total Charges
1	7.0 lbs	\$ .00	\$ .00

\*When declaring a value higher than \$100 per shipment, you pay an additional charge. See SERVICE CONDITIONS, DECLARED VALUE AND LIMIT OF LIABILITY section for further information.

**8 Release Signature** Sign to authorize delivery without obtaining signature.

Your signature authorizes Federal Express to deliver this shipment without obtaining a signature and agrees to indemnify and hold harmless Federal Express from any resulting claims.

272

FORM 5000  
Rev. Date 6/96  
PART #147555  
©1996 FedEx  
PRINTED IN U.S.A.

BOND

KNOW ALL MEN BY THESE PRESENTS

Bond No. 880859

That we: HELIUM RESOURCES, INC., 1317 Delaware Street

of the County of: Denver in the State of: Colorado

as Principal, and THE TRAVELERS INDEMNITY COMPANY

of Hartford, Connecticut AUTHORIZED TO DO BUSINESS WITHIN THE State of Arizona.

as surety, are held and firmly bound unto the State of Arizona in the penal sum as indicated, lawful money of the United States, for which payment, well and truly to be made, we bind ourselves, and each of us, and each of our heirs, executors, administrators or successors, and assigns jointly and severally, firmly by these presents.

The condition of this obligation is that whereas the above bounden principal proposes to drill a well or wells for oil, gas or stratigraphic purposes in and upon the following described land situated within the State, to wit:

→ Sec. 13 - All; Sec. 14 - All; Sec. 21 - N $\frac{1}{2}$ , N $\frac{1}{2}$ SW $\frac{1}{4}$ , N $\frac{1}{2}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$ , S $\frac{1}{2}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$ ,  
(May be used as blanket bond or for single well)  
N $\frac{1}{2}$ N $\frac{1}{2}$ SE $\frac{1}{4}$ , SW $\frac{1}{4}$ NW $\frac{1}{4}$ SE $\frac{1}{4}$ , N $\frac{1}{2}$ SE $\frac{1}{4}$ NW $\frac{1}{4}$ SE $\frac{1}{4}$ , N $\frac{1}{2}$ SW $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$ , N $\frac{1}{2}$ , SE $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$ , SE $\frac{1}{4}$ SE $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$ ,  
NE $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$ , S $\frac{1}{2}$ N $\frac{1}{2}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$ , S $\frac{1}{2}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$ , SE $\frac{1}{4}$ NE $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$ , NE $\frac{1}{2}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$ , S $\frac{1}{2}$ S $\frac{1}{2}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$ ,

containing approximately 1805 acres in T19N, R10E, GSR Mer., Coconino County, Arizona

NOW, THEREFORE, if the above bounden principal shall comply with all of the provisions of the laws of this State and the rules, regulations and orders of the Oil and Gas Conservation Commission, especially with reference to the requirements of A. R. S. 27-516, providing for the proper drilling, casing and plugging of said well or wells, and filing with the Oil & Gas Conservation Commission all notices and records required by said Commission, in the event said well or wells do not produce oil or gas in commercial quantities, or cease to produce oil or gas in commercial quantities, then this obligation is void; otherwise, the same shall be and remain in full force and effect.

Penal sum of TWO THOUSAND FIVE HUNDRED AND NO/100 - - - - - (\$2,500)

Witness our hands and seals, this 4th day of August, 1960

HELIUM RESOURCES, INC.  
F.P. O'Neill Sect.  
Principal

Witness our hands and seals, this 4th day of August, 1960

THE TRAVELERS INDEMNITY COMPANY  
BY: Thomas H. Mitchell  
Thomas H. Mitchell Surety  
Attorney-in-Fact

(If the principal is a corporation, the bond should be executed by its duly authorized officers, with the seal of the corporation affixed. When principal or surety executes this bond by agent, power of attorney or other evidence of authority must accompany the bond.)

Approved \_\_\_\_\_ Date \_\_\_\_\_ STATE OF ARIZONA OIL AND GAS CONSERVATION COMMISSION

*Casey Rogers*  
Resident agent of Surety  
Phoenix Arizona

# 72

CANCELLED  
DATE 9-16-65

**The Travelers Indemnity Company**  
Hartford, Connecticut

**POWER OF ATTORNEY**

**KNOW ALL MEN BY THESE PRESENTS:**

That THE TRAVELERS INDEMNITY COMPANY, a corporation of the State of Connecticut, does hereby make, constitute and appoint

\_\_\_\_\_  
B. R. Clark, S. C. Dickson, Thomas H. Mitchell, J. R. Price, all of Denver,  
Colorado, EACH

its true and lawful Attorney(s)-in-Fact, with full power and authority, for and on behalf of the Company as surety, to execute and deliver and affix the seal of the Company thereto, if a seal is required, bonds, undertakings, recognizances or other written obligations in the nature thereof, as follows:

\_\_\_\_\_  
Any and all bonds, undertakings, recognizances or other written obligations in the nature thereof

and to bind THE TRAVELERS INDEMNITY COMPANY thereby, and all of the acts of said Attorney(s)-in-Fact, pursuant to these presents, are hereby ratified and confirmed.  
This appointment is made under and by authority of the following by-laws of the Company which by-laws are now in full force and effect:

ARTICLE IV, SECTION 10. The President, the Chairman of the Finance Committee, the Chairman of the Insurance Executive Committee, any Vice President, any Secretary or any Department Secretary may appoint attorneys-in-fact or agents with power and authority, as defined or limited in their respective powers of attorney, for and on behalf of the Company to execute and deliver, and affix the seal of the Company thereto, bonds, undertakings, recognizances or other written obligations in the nature thereof and any of said officers may remove any such attorney-in-fact or agent and revoke the power and authority given to him.

ARTICLE IV, SECTION 12. Any bond, undertaking, recognizance or written obligation in the nature thereof shall be valid and binding upon the Company when signed by the President, the Chairman of the Finance Committee, the Chairman of the Insurance Executive Committee, or any Vice President and duly attested and sealed, if a seal is required, by any Secretary or any Department Secretary or any Assistant Secretary, or when signed by the President, the Chairman of the Finance Committee, the Chairman of the Insurance Executive Committee, or any Vice President and countersigned and sealed, if a seal is required, by a duly authorized attorney-in-fact or agent; and any such bond, undertaking, recognizance or written obligation in the nature thereof shall be valid and binding upon the Company when duly executed and sealed, if a seal is required, by one or more attorneys-in-fact or agents pursuant to and within the limits of the authority granted by his or their power or powers of attorney.

**CANCELLED**

DATE 7-16-65

IN WITNESS WHEREOF, THE TRAVELERS INDEMNITY COMPANY has caused these presents to be signed by its proper officer and its corporate seal to be hereunto affixed this 16th day of June 19 58.  
(SEAL)

**THE TRAVELERS INDEMNITY COMPANY**

By George M. Douglass  
Secretary

State of Connecticut, County of Hartford—ss:

On this 16th day of June in the year 1958 before me personally came George M. Douglass to me known, who, being by me duly sworn, did depose and say: that he resides in the State of Connecticut; that he is Secretary of THE TRAVELERS INDEMNITY COMPANY, the corporation described in and which executed the above instrument; that he knows the seal of said corporation; that the seal affixed to said instrument is such corporate seal; that it was so affixed by authority of his office under the by-laws of said corporation, and that he signed his name thereto by like authority.

(SEAL)

Florence De Paiva

Notary Public

My commission expires April 1, 1962

State of Connecticut, County of Hartford—ss:

I, W. G. Hull Assistant Secretary of The Travelers Indemnity Company, a corporation of the State of Connecticut, do hereby certify that the above and foregoing is a true and correct copy of a Power of Attorney, executed by said Company, which is still in full force and effect.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the seal of said Company, at the City of Hartford, this 4th day of August 19 60.

W. G. Hull  
Assistant Secretary



BOND

**CANCELLED**

KNOW ALL MEN BY THESE PRESENTS,

Bond Number 774408

That we: WESTERN OIL AND MINERALS, INC., 330 Petroleum Club Building

of the County of: Denver in the State of: Colorado

as Principal, and THE TRAVELERS INDEMNITY COMPANY

of Hartford, Connecticut authorized to do business within the State of Arizona,

as surety, are held and firmly bound unto the State of Arizona in the penal sum as indicated, lawful money of the United States, for which payment, well and truly to be made, we bind ourselves, and each of us, and each of our heirs, executors, administrators or successors, and assigns jointly and severally, firmly by these presents.

The condition of this obligation is that whereas the above bounden principal proposes to drill a well or wells for oil, gas or stratigraphic purposes in and upon the following described land situated within the State, to wit:

Sec. 13 - All; Sec. 14 - All; Sec. 24 - N $\frac{1}{2}$ , N $\frac{1}{2}$ SW $\frac{1}{4}$ , N $\frac{1}{2}$ NE $\frac{1}{2}$ SW $\frac{1}{4}$ , S $\frac{1}{2}$ SE $\frac{1}{2}$ SW $\frac{1}{4}$ ,  
(May be used as blanket bond or for single well)  
N $\frac{1}{2}$ NE $\frac{1}{2}$ , SW $\frac{1}{2}$ NE $\frac{1}{2}$ , N $\frac{1}{2}$ SE $\frac{1}{2}$ NW $\frac{1}{2}$ , N $\frac{1}{2}$ SW $\frac{1}{2}$ NE $\frac{1}{2}$ , N $\frac{1}{2}$ SE $\frac{1}{2}$ NE $\frac{1}{2}$ , SE $\frac{1}{2}$ SE $\frac{1}{2}$ NE $\frac{1}{2}$ , NE $\frac{1}{2}$ NE $\frac{1}{2}$ SE $\frac{1}{2}$ ,  
S $\frac{1}{2}$ N $\frac{1}{2}$ SE $\frac{1}{2}$ , S $\frac{1}{2}$ SE $\frac{1}{2}$ , SE $\frac{1}{2}$ NE $\frac{1}{2}$ SW $\frac{1}{2}$ , NE $\frac{1}{2}$ SE $\frac{1}{2}$ SW $\frac{1}{2}$ , S $\frac{1}{2}$ S $\frac{1}{2}$ SW $\frac{1}{2}$ , containing approximately 1805  
acres in T19N, R10E, GSR Mer., Coconino County, Arizona

NOW, THEREFORE, if the above bounden principal shall comply with all of the provisions of the laws of this State and the rules, regulations and orders of the State Land Commissioner, especially with reference to the requirements of A.R.S. 27-516, providing for the proper drilling, casing and plugging of said well or wells, and filing with the State Land Commissioner all notices and records required by said Commissioner, in the event said well or wells do not produce oil or gas in commercial quantities, or cease to produce oil or gas in commercial quantities, then this obligation is void; otherwise, the same shall be and remain in full force and effect.

Penal sum of TWO THOUSAND FIVE HUNDRED AND NO/100 ----- (\$2,500.00)

Witness our hands and seals, this 9th day of April, 1959

WESTERN OIL AND MINERALS, INC.

BY: Francis P. O'Neill  
Francis P. O'Neill, Vice President Principal

Witness our hands and seals, this 9th day of April, 1959

COUNTERSIGNED BY:

THE TRAVELERS INDEMNITY COMPANY

BY: [Signature]  
Arizona Resident Agent  
PHOENIX, ARIZ.

BY: B. R. Clark  
B. R. Clark, Attorney - in - Fact Surety

(If the principal is a corporation, the bond should be executed by its duly authorized officers, with the seal of the corporation affixed. When principal or surety executes this bond by agent, power of attorney or other evidence of authority must accompany the bond.)

Approved April 17, 1959  
Date

Obed M. Larsen  
STATE LAND COMMISSIONER

72 ca



6269

**The Travelers Indemnity Company**  
Hartford, Connecticut

**POWER OF ATTORNEY**

**KNOW ALL MEN BY THESE PRESENTS:**

That THE TRAVELERS INDEMNITY COMPANY, a corporation of the State of Connecticut, does hereby make, constitute and appoint

\_\_\_\_\_ B. R. Clark, S. C. Dickson, Thomas H. Mitchell, J. R. Price, all of Denver, Colorado, EACH \_\_\_\_\_

its true and lawful Attorney(s)-in-Fact, with full power and authority, for and on behalf of the Company as surety, to execute and deliver and affix the seal of the Company thereto, if a seal is required, bonds, undertakings, recognizances or other written obligations in the nature thereof, as follows:

\_\_\_\_\_ Any and all bonds, undertakings, recognizances or other written obligations in the nature thereof \_\_\_\_\_

and to bind THE TRAVELERS INDEMNITY COMPANY thereby, and all of the acts of said Attorney(s)-in-Fact, pursuant to these presents, are hereby ratified and confirmed. This appointment is made under and by authority of the following by-laws of the Company which by-laws are now in full force and effect:

ARTICLE IV, SECTION 10. The President, the Chairman of the Finance Committee, the Chairman of the Insurance Executive Committee, any Vice President, any Secretary or any Department Secretary may appoint attorneys-in-fact or agents with power and authority, as defined or limited in their respective powers of attorney, for and on behalf of the Company to execute and deliver, and affix the seal of the Company thereto, bonds, undertakings, recognizances or other written obligations in the nature thereof and any of said officers may remove any such attorney-in-fact or agent and revoke the power and authority given to him.

ARTICLE IV, SECTION 12. Any bond, undertaking, recognizance or written obligation in the nature thereof shall be valid and binding upon the Company when signed by the President, the Chairman of the Finance Committee, the Chairman of the Insurance Executive Committee, or any Vice President and duly attested and sealed, if a seal is required, by any Secretary or any Department Secretary or any Assistant Secretary, or when signed by the President, the Chairman of the Finance Committee, the Chairman of the Insurance Executive Committee, or any Vice President and countersigned and sealed, if a seal is required, by a duly authorized attorney-in-fact or agent; and any such bond, undertaking, recognizance or written obligation in the nature thereof shall be valid and binding upon the Company when duly executed and sealed, if a seal is required, by one or more attorneys-in-fact or agents pursuant to, and within the limits of the authority granted by his or their power or powers of attorney.

**CANCELLED**

DATE 9-16-65

IN WITNESS WHEREOF, THE TRAVELERS INDEMNITY COMPANY has caused these presents to be signed by its proper officer and its corporate seal to be hereunto affixed this 16th day of June 19 58 .

(SEAL)

**THE TRAVELERS INDEMNITY COMPANY**

By George M. Douglass  
Secretary

State of Connecticut, County of Hartford—ss:

On this 16th day of June in the year 1958 before me personally came George M. Douglass to me known, who, being by me duly sworn, did depose and say: that he resides in the State of Connecticut; that he is Secretary of THE TRAVELERS INDEMNITY COMPANY, the corporation described in and which executed the above instrument; that he knows the seal of said corporation; that the seal affixed to said instrument is such corporate seal; that it was so affixed by authority of his office under the by-laws of said corporation, and that he signed his name thereto by like authority.

(SEAL)

Florence De Paiva  
Notary Public

My commission expires April 1, 1962

State of Connecticut, County of Hartford—ss:

I R. W. Kammann Assistant Secretary of The Travelers Indemnity Company, a corporation of the State of Connecticut, do hereby certify that the above and foregoing is a true and correct copy of a Power of Attorney, executed by said Company, which is still in full force and effect.

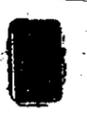
IN WITNESS WHEREOF, I have hereunto set my hand and affixed the seal of said Company, at the City of Hartford, this 9th day of April 19 59.

R. W. Kammann  
Assistant Secretary

72-202



6269



May 12, 1966

Mr. John G. Babbitt  
Babbitt Ranches  
P.O. Box 1328  
Flagstaff, Arizona

Re: Western Oil & Minerals Inc. #1 Federal well  
SE/4NW/4 24-19N-10E, Coconino County, Arizona  
Our File 72

Dear Mr. Babbitt:

This will acknowledge receipt of your letter of May 11, 1966.

Please be advised that this Commission does not possess any logs on the captioned well. For your information we are enclosing xerox copies of such information that we do have.

If we may be of further service, please do not hesitate to contact us.

Yours very truly,

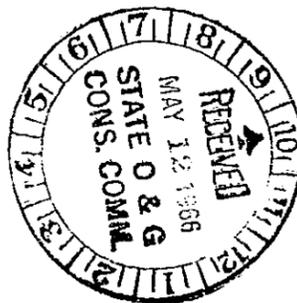
John Bannister  
Executive Secretary  
nr  
enc

P.S. We note that American Stratigraphic Co., 6280 E. 39th Ave., Denver, Colorado 80207, lists a log on Western Oil & Mineral #1 Walters well at this same location. It is Log No. D1364, priced at \$14.62.

**BABBITT RANCHES**

P. O. ~~Box~~ Box 1328  
FLAGSTAFF, ARIZONA  
May 11, 1966

CATARACT LIVESTOCK CO.  
CO BAR LIVESTOCK CO.  
HART LIVESTOCK CO.  
BABBITT RANCHES, INC.,  
COHAGEN, MONTANA



CO

W

T

-V

The Arizona Oil and Gas Commission  
Capitol Building  
Phoenix, Arizona

Gentlemen:

We have the grazing privileges on the Forest Service range lying East of Flagstaff on which Mr. Nuttall drilled an oil well several years ago. We believe the location is in Section 24, Township 19 North, Range 10 East.

The Forest Service is giving us a Special Use permit to develop the abandoned well for stock water purposes, and in this regard we are anxious to get a log of the well.

If you can furnish us with any information with regard to this well, it will be appreciated.

Very truly yours,

*John G. Babbitt*  
John G. Babbitt

Permit #72



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
P. O. Box 959  
Farmington, New Mexico

IN REPLY REFER TO:

Nov. 24, 1965

Arizona Oil and Gas Conservation Commission  
Room 202, 1624 West Adams  
Phoenix, Arizona 85007

Re: AR 028641

Gentlemen:

Attached are copies of reports on El Paso Natural Gas Products Company's well No. 1 Walters, located in the SE $\frac{1}{4}$ NW $\frac{1}{4}$  sec. 24, T. 19 N., R. 10 E., Coconino County, Arizona. The abandonment of this well was approved October 11, 1965.

Sincerely yours,

P. T. McGrath  
District Engineer



72

September 16, 1965

Travelers Indemnity Company  
101 University Boulevard  
Denver, Colorado 80206

Attention: Mr. Thomas H. Mitchell

Re: Western Oil and Minerals Inc. #1 Federal well  
SE/4NW/4 24-19N-10E, Coconino County, Arizona  
Our file 72  
Your bond 880859, Helium Resources Inc., Principal

Gentlemen:

El Paso Natural Gas Products Company has plugged the captioned well in accordance with this Commission's Rules and Regulations. This apparently was done as the result of a deal between El Paso Natural and Helium Resources Inc. (?).

Inasmuch as the Rules and Regulations have been complied with, this letter will constitute the authority of this Commission to cancel any bonds which may be outstanding with your company covering the operations on this well.

It is our understanding that in addition to the captioned bond, Western Oil and Minerals Inc. had Bond 774408 with your company also covering operations on this well.

Should you have any questions would you please advise.

Yours very truly,

John Bannister  
Executive Secretary  
nr

August 24, 1965

Travelers Indemnity Company  
101 University Boulevard  
Denver, Colorado 80206

Attention: Mr. Thomas H. Mitchell  
Assistant Superintendent

Re: Western Oil and Minerals Inc. #1 Federal SE/4 NW/4  
Section 27, Township 19N, Range 10E, Coconino County,  
Our files #72, Your bonds #774408 and 880889.

Gentlemen:

I am pleased to inform you that the captioned well is to be plugged under the bond posted with the Federal Government. El Paso Natural Gas Products Company has assumed responsibility for this well and it is their intention to plug this well next week. I have spoken to their representative and he will file the necessary plugging and completion reports with this office. At such time as this information has been filed, I will advise you so that you may terminate your obligation to this office. Unless further advised, you need take no further action concerning this well.

I would like to express my sincere appreciation for your helpful and cooperative efforts.

Yours very truly,

John Bannister  
Executive Secretary

cb

# THE TRAVELERS

THE TRAVELERS INSURANCE COMPANY - THE TRAVELERS INDEMNITY COMPANY

Fidelity & Surety  
Bond  
Division

August 19, 1965

DENVER OFFICE  
Cherry Creek Center  
101 University Boulevard  
DENVER, COLORADO 80206  
Telephone: 388-6244

Office of Oil and Gas Conservation Commission  
State of Arizona  
Room 202  
1624 West Adams  
Phoenix, Arizona 85007

Attention: Mr. John Bannister  
Executive Secretary

Dear Mr. Bannister:

Thank you very much for your letter of August 3, 1965 in reply to my letter to you of July 14, 1965. It is certainly our wish to cooperate with you in any way possible to get the matter cleared up with respect to Bonds Number 774408, Western Oil and Minerals, Inc. and Number 880859, Helium Resources Inc.

Our agent through whom these bonds were handled, Mr. John H. Humphreys, died of a heart attack after these bonds were written and I explained the status as far as files are concerned with which we could work.

We have ordered Dun and Bradstreet reports on both of these corporations in order to try and find out their status respectively and the principals involved at this time. If you should have in file any names of principals or addresses or communication between these principals and the Oil and Gas Conservation Commission which would help us to contact them, it would be sincerely appreciated.

Because of the lack of normal information from files, we do not know at this time on what evidence the bonds were cancelled but we do understand that this type of obligation is cancelled only with permission of the Obligee.

Our understanding is that only one well is involved even though two corporations furnished bonds covering this same well. If permissible within your regulations, it would be helpful to us to know whether one or both corporations are still responsible for the plugging of the well according to your records.

#72

HOME OFFICE: HARTFORD, CONNECTICUT

VISIT THE TRAVELERS EXHIBIT



AT THE NEW YORK WORLD'S FAIR

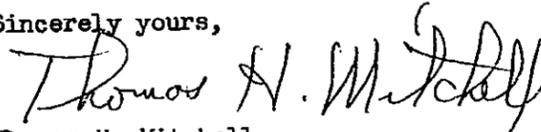
Mr. John Bannister

-2-

August 19, 1965

Any additional information you can give us would certainly be welcome and we will make every attempt to cooperate with you in clearing the matter.

Sincerely yours,



Thomas H. Mitchell  
Assistant Superintendent

THM/slr

Lloyd N. Hall 2010 Nelson St. Denver 15 5-18-61  
Pres. Western Oil & Minerals Inc.  
330 Pet. Bldg. Denver

Helium Resources Inc. Responsible

August 3, 1965

Mr. Thomas H. Mitchell  
Fidelity & Surety Bond Division  
The Travelers Indemnity Company  
101 University Boulevard  
Denver, Colorado 80206

Dear Mr. Mitchell:

We very much appreciate your letter of July 14, 1965 concerning your bond 774408 with Waster Oil and Minerals, Inc. as principal, and your bond 880859 whereon Helium Resources, Inc. is the principal.

Each of these bonds was in the amount of \$2,500 and covered the operations of the two companies as to the Western Oil & Minerals #1 Federal well located in SE/4NW/4 24-19N-10E, Coconino County, Arizona.

According to the regulations of this Commission, a bond once filed with us may be terminated only upon written permission from this office.

You state in your letter that both bonds were cancelled August 1, 1961. This cancellation was effected without the permission of the Commission. In the case of Bond 880859, it was cancelled contrary to specific instructions from this office.

The well in question has not been plugged and abandoned in accordance with our Rules and Regulations.

We would appreciate such help as you might be able to give us to secure compliance with our Regulations.

It is not the desire of this Commission to cause any undue hardship when it is possible to prevent same, and we do not desire to turn this matter over to the Attorney General's Office if another solution can be reached.

Mr. Thomas H. Mitchell

Page 2

August 3, 1965

Your cooperation with this endeavor will be greatly appreciated.

Yours very truly,

John Bannister  
Executive Secretary  
BT

# THE TRAVELERS

THE TRAVELERS INSURANCE COMPANY - THE TRAVELERS INDEMNITY COMPANY

Fidelity & Surety  
Bond  
Division

July 14, 1965

DENVER OFFICE  
Cherry Creek Center  
101 University Boulevard  
DENVER, COLORADO 80206  
Telephone: 388-6244

Office of Oil and Gas Conservation Commission  
State of Arizona  
Room 202  
1624 West Adams  
Phoenix, Arizona 85007

Attention: Mr. John Bannister  
Executive Secretary



Re: Bonds No. 774408-Western Oil & Minerals Inc.  
and No. 880859 Helium Resources, Inc.  
\$2,500 Oil and Gas Well Drilling Bonds

Gentlemen:

Thank you for your letter of July 6, 1965 in regard to the above mentioned bonds. Our bond file cards show that number 774408 in the amount of \$2,500 on behalf of Western Oil and Minerals Inc. was issued effective April 9, 1959 and cancelled August 1, 1961. We have a card for number 880859 on which Helium Resources, Inc. was principal showing a bond amount of \$2,500 issued effective August 4, 1960 and cancelled effective August 1, 1961.

In accordance with instructions from our Home Office pertaining to retention of files for a period after cancellation, both these files have been destroyed and as a result, we have no papers pertaining to either outside of the aforementioned.

We regret being unable to give you more specific information. We would be happy to correspond with you further regarding the situation, but wanted to advise you of the status as reflected by our records.

Sincerely yours,

*Thomas H. Mitchell*  
Thomas H. Mitchell  
Assistant Superintendent

THM/slr

#72

HOME OFFICE: HARTFORD, CONNECTICUT

VISIT THE TRAVELERS EXHIBIT

AT THE NEW YORK WORLD'S FAIR

# THE TRAVELERS

THE TRAVELERS INDEMNITY COMPANY

CASUALTY-FIRE UNDERWRITING  
DEPARTMENT  
Fidelity and Surety Division



ONE TOWER SQUARE  
HARTFORD, CONNECTICUT  
06115

July 7, 1965

Mr. John Bannister  
Executive Secretary  
Oil & Gas Conservation Commission  
Room 202, 1624 West Adams  
Phoenix, Arizona 85007

Dear Mr. Bannister:

Our Bonds #774408 & 880859  
Western Oil and Minerals, Inc.

We have your letter of July 6th on the above and find that the records of these bonds are kept in our Denver Office. We are forwarding your letter to them for reply and you can expect to hear from them within the next few days.

Yours truly,

*W. A. Shrake*

W. A. Shrake, Assistant Secretary

WAS:glw

# 72

July 6, 1965

Travelers Indemnity Company  
Hartford, Connecticut

Re: Western Oil & Minerals Inc. #1 Federal well  
SE/4NW/4 24-T19N-R10E, Coconino County, Arizona  
Our File 72

Your Bonds 774408 and 880859

Gentlemen:

The Captioned well was drilled on Federal oil and gas lease AR 016658 by Western Oil and Minerals, Inc. Western's operations on this well were covered by your Bond 774408.

This well was spudded about April 14, 1959 and was temporarily abandoned in August, 1961.

Our file indicates that a company called Helium Resources, Inc. was to take over operations from Western under a farm-out agreement. To cover the operations by Helium Resources, Inc., you issued your Bond 880859.

Our files do not indicate that either of these bonds have been cancelled. As you are aware, a bond once posted with this Commission may be released only upon written permission from the Commission.

Would you please advise us as to the status of these two bonds. It is not necessary that both bonds be kept in force, but this well must be under bond. Your cooperation is appreciated.

Yours very truly,

John Bannister  
Executive Secretary  
nr

July 16, 1965

Mr. Phil McGrath  
U.S. Geological Survey  
P.O. Box 959  
Farmington, New Mexico

Re: Western Oil & Minerals Inc. #1 Federal well  
SE/4NW/4 24-T19N-R10E, Coconino County, Arizona  
Our File 72

Dear Phil:

It was my understanding that you folks had planned to order this well plugged this summer. If and when this action is taken, would you be so kind as to notify us so that we can clear our records. We would appreciate copies of the Plug Record, Well Completion Report, and any logs or other information you may have.

Trust that you are having a good summer and that your golf shot is in trim. John Bannister and I will probably see you in the next few weeks.

Best regards.

Yours very truly,

J.R. Scurlock  
Petroleum Geologist  
JR

July 6, 1965

Travelers Indemnity Company  
Hartford, Connecticut

Re: Western Oil & Minerals Inc. #1 Federal well  
SE/4NW/4 24-T19N-R10E, Coconino County, Arizona  
Our File 72

Your Bonds 774408 and 880859

Gentlemen:

The Captioned well was drilled on Federal oil and gas lease AR 016658 by Western Oil and Minerals, Inc. Western's operations on this well were covered by your Bond 774408.

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Would you please advise us as to the status of these two bonds. It is not necessary that both bonds be kept in force, but this well must be under bond. Your cooperation is appreciated.

Yours very truly,

John Bannister  
Executive Secretary  
mr

May 18, 1961

Mr. Lloyd Nuttall  
2010 Nelson Street  
Denver 15, Colorado

Re: Western Oil and Minerals Inc. - Sec. 24, T 19 N,  
R 10 E, Coconino County, Arizona

Dear Lloyd:

I am sorry that I have not written you sooner in regard to your situation with the Department of the Interior.

I visited with Mr. Helmandollar, Manager of the Land Office here in Phoenix and he advised me that your appeal was dismissed in Washington, January 12, 1961. I am at a loss as to why you were not advised since you initiated that appeal. However, he informed me that the papers for lease have not been returned. Although Mr. Jones of New Orleans drew top priority to file on the lease, it has not been issued to him, as yet.

There is nothing in this office that Mr. Helmandollar can do for you, even if he wished to do so, as they are strictly covered by the Act of July 29, 1954, which became Public Law 555, which clearly states that any lease automatically terminates by statute for non-payment of rental.

It looks as though your only recourse is to attempt to buy the lease from Mr. Jones if and when he exercises his priority.

I am glad to know that you made arrangements to have your equipment moved into Flagstaff. I have not been at your location since last seeing you, but, if I am in that area, you may rest assured I will check. I will also seek out your friend, Mr. Porter, and get acquainted with him.

I enjoyed very much our short visit in Denver. Wish that it could have been longer so that we could have gotten better acquainted; particularly, since it was revealed that we were both stationed at Peterson field together.

2

If there is anything that this office can do and I can do, personally, please do not hesitate to call on us. Hoping to see you in the future, I am

Yours very truly,

Brooks Pierce  
Petroleum Geologist

BP:me  
encs 1

P.S. I am returning the copy of your farm-out agreement that you sent me.

2010 Nelson St  
Denver 15, Colo  
May 6, 1961

Dear Brooker,

Enjoyed the visit with you.

I have not yet had a copy of the  
Farmment Agreement made & perhaps you can make  
a copy & return this copy to me. I do hope  
the action on the appeal ~~will~~ will be forthcoming  
soon, as much depends on it.

I met with Seth Stebbins yesterday & talked  
with him about his work in drilling an  
exploratory well in the Valley. Was glad to see  
him again.

Jim Potter is taking care of the equipment  
& well site supposedly this week.

Am looking forward to seeing you - again  
soon.

Thanks & Best personal regards.

Raymond G. Tuttle

Denver

BE 30181

March 30, 1961

Mr. Lloyd Nuttall, President  
Western Oil and Minerals, Inc.  
2010 Nelson Street  
Denver 15, Colorado

Re: Western Oil & Mineral Federal #1 - Section 24 -  
T 19 N, R 10 E. Coconino County, Arizona

Dear Sir:

This has reference to your letter of the 29th in which you requested information regarding the requirements and procedure to follow in transferring the interests of the Western Oil and Minerals, Inc. in the above captioned test to two principals in Flagstaff who are desirous of completing the operation as a water well.

First, let me apologize for the delay in answering this letter. Having just become associated with the commission, I have been in the field off and on and have been trying to appraise myself of the facts involved between Western and Helman Resources, Inc. I plan to be in Denver the week of April 24 at which time I will contact you to discuss this matter.

I would suggest that you have the interested parties in Flagstaff contact this office and furnish us with the information as to what they propose to do if they assume responsibility of this hole. If you could furnish me with their names, when I am in the northern part of Arizona, I will be glad to contact them and discuss this matter.

I am looking forward to visiting with you next month in Denver.

Yours very truly,

Brooks Pierce  
Petroleum Geologist

BP:hme

**WESTERN OIL AND MINERALS, INC.**

2010 Nelson Street  
Denver 15, Colorado  
February 20, 1961

Commissioner  
Oil/Gas Conservation Commission  
Arizona State Building  
Phoenix, Arizona

Dear Sir:

We are making reference to: (1) Oil/Gas Test well on Federal Lease AR 016658, SE NW Sec 24 T19N R10E, Coconino County, Arizona and (2) Rules and Regulations governing the Conservation of Oil and Gas in Arizona.

This company has been awaiting the outcome of an appeal by Helium Resources, Inc., involving an Operating or Farmout agreement on the above lease and well. We would like to be prepared to abandon subject well in accordance with rules 25 and 26 of your rules and regulations upon the determination that the final appeal by Helium Resources has been denied.

We have two parties in Flagstaff who are desirous of owning subject well as a water well for their use in that area. If it is possible for the parties in Flagstaff to obtain the well as a water well will you please advise us of your requirements and the procedure to follow? Thank you.

Very truly yours,

Western Oil & Minerals, Inc

*Lloyd Nuttall*  
By Lloyd Nuttall, Pres.

October 20, 1960

Helium Resources, Inc.  
1317 Delaware Street  
Denver, Colorado

Gentlemen:

It is our understanding that your transaction with Western Oil & Minerals, Inc. has not been processed at the Oil and Gas Conservation Commission.

Please advise whether you are filing with this commission a suspension of operations form required by law or whether you are going to plug and abandon the hole which you have taken over and which is arried as Western Oil and Gas, Federal #1, Section 24, Township 19 N, Range 10E, Coconino County.

Please advise regarding this.

Very truly yours,

WADE CHURCH  
The Attorney General

ARTHUR E. ROSS  
Assistant Attorney General

AER:et

ARI ROSS

**WESTERN OIL AND MINERALS, INC.**

OCT 18 '60

721 S. 4th Street  
Las Vegas, Nevada  
October 18, 1960



WADE CHURCH  
THE ATTORNEY GENERAL  
State Capitol  
Phoenix, Arizona

Dear Sir:

ATTORNEY GENERAL  
STATE OF ARIZONA

This is in reply to your letter of October 7, 1960, which was initially sent to P.O. Box 1978, Phoenix, Arizona and subsequently to the writers home at 2010 Nelson Street, Denver 15, Colorado. For your information the address on the letterhead is that of the Corporation resident agent.

As in the past, it is the intention of Western Oil & Minerals, Inc to abide by Arizona State Law and that of the Federal Government with respect to Oil/Gas Test well in sec 24, T19N R10 E Coconino County, Arizona, to the maximum of our abilities.

On May 24, 1960 Western entered into a Farm-out or Operating agreement with Mr. F. P. O'Neill and Mr. Jess Nickles of Helium Resources, Inc., involving Federal Lease AR 016658 and the above mentioned well. The writer so notified the Arizona Oil/Gas Conservation Office, the Federal Land Office in Phoenix and the Travelers Insurance Company's Denver Office, who issued Federal and State Drilling Bonds on this well.

As a matter of record we would like to point out that the writer has absolutely no ownership interest in Helium Resources, Inc., and has not been, and is in no way connected with said Company. Likewise Mr. F. P. O'Neill has relinquished all ownership in Western, first by resignation on March 26, 1960, and second by giving up any and all ownership interest on May 24, 1960.

It is understood that Helium Resources, Inc(not factual) has or is making an appeal on the recent land office decision regarding subject lease and we cannot at this time take logical action with respect to abandoning subject well. Also there is and has been the possibility of the well being commercially productive of natural gas and helium as early as June 1959.

The city of Flagstaff and other parties have indicated an interest in subject well for water use, since this is an extremely good water source in an area where it could be utilized.

It is realized that your questions are not all answered. It is our intent to abide by your rules and regulations, however after several trips to Phoenix and Flagstaff the writer has been unable to gather the facts on which to take action with respect to the well and we are not certain of our liability in this regard.

**WESTERN OIL AND MINERALS, INC.**

Page 2, Ltr., to Attorney General, Phoenix, Arizona Oct 18, 1960

The writer is taking the liberty of sending copies of this letter to other interested parties in the hopes of getting on common ground with respect to subject well in order to satisfy your requirements.

We would appreciate your advice and/or recommendations in this regard.

Very truly yours,

Western Oil & Minerals, Inc

By

*Lloyd R. Nuttall*  
Lloyd R. Nuttall

Copy furnished to:

Arizona Gas/Oil Conservation Office  
State Building  
Phoenix, Arizona

Mr. Roy T. Helmandollar  
Manager, Bureau of Land Management  
P.O. Box 148  
Phoenix, Arizona

Mr. F. P. O'Neill and Jess Nickles  
Helium Resources, Inc  
1317 Delaware Street  
Denver, Colorado

Mr. John H. Humphreys  
Travelers Insurance Company  
700 Gas & Electric Building  
Denver 2, Colorado

ART ROSS

*The Travelers*

*The Travelers Insurance Company  
The Travelers Indemnity Company*

October 14, 1960

OCT 17 '60



ATTORNEY GENERAL  
STATE OF ARIZONA

Mr. Arthur E. Ross  
Assistant Attorney General  
Department of Law  
Office of the Attorney General  
State Capitol  
Phoenix, Arizona

Re: Helium Resources, Inc.  
Bond No. 880859

Dear Mr. Ross:

Thank you for your letter of October 7, 1960 in which you indicated that you were unable to locate Helium Resources, Inc.

We understand that the correct address of this firm is 1317 Delaware Street, Denver, Colorado. We hope this will enable you to contact this firm and we would appreciate your notifying us if you are unable to do so. Thank you.

Yours very truly,

*Thomas H. Mitchell*

Thomas H. Mitchell  
Field Supervisor

THM/ha

C A-116

October 7, 1960

Mr. Thomas H. Mitchell  
Field Supervisor  
The Travelers  
900 15th Street at Champa St.  
Denver 2, Colorado

re: Helium Resources, Inc.

Dear Mr. Mitchell:

The Oil and Gas Conservation Commission has brought to our attention that Helium Resources, Inc. is not located at 330 Petroleum Club Building, Denver, Colorado. However, these federal leases have been cancelled and are now in the hands of a third party.

We must locate the members or take action against your company to recover on the bond to plug and abandon this well pursuant to the statutes, rules and regulations of the State of Arizona.

Thank you for your cooperation in this matter.

Very truly yours,

WADE CHURCH  
The Attorney General

ARTHUR E. ROSS  
Assistant Attorney General

AER:et

A-116  
M

October 7, 1960

*2010 Helson St  
Denver Colorado*

Mr. Lloyd Nuttall  
~~P. O. Box 1978~~  
Phoenix, Arizona

Re: Western Oil & Minerals, Inc.

Dear Mr. Nuttall:

It is our understanding that your firm, Western Oil and Minerals, Inc. has assigned your Fed. #1, Section 24, Township 19 North, Range 10 East, Coconino County, to one Helium Resources, Inc. This transaction has not been processed at the Oil and Gas Conservation Commission, and further it is our understanding that these federal leases have been terminated and are presently held by a third party.

We should like to be advised of these changes in ownership and your present intention with respect to this well.

We would appreciate your contacting this office immediately.

Very truly yours,

WADE CHURCH  
The Attorney General

ARTHUR E. ROSS  
Assistant Attorney General

AER-et

# The Travelers

*The Travelers Insurance Company  
The Travelers Indemnity Company*

September 28, 1960

BRANCH OFFICE  
Gas and Electric Building  
900 15th Street at Champa Street  
DENVER 2, COLORADO  
Telephone: MAin 3-7111

Office of Oil & Gas Conservation Commission  
State of Arizona  
3500 North Central - Suite 312  
Phoenix, Arizona

Attention: Mr. W. F. Maule  
Petroleum Engineer

Re: Helium Resources, Inc.

Dear Mr. Maule:

Excuse the delay in answering your letter to us dated September 7, 1960, in which you requested the address of Helium Resources, Inc. The address as shown in our files is 330 Petroleum Club Building, Denver, Colo.

Yours very truly,

*Thomas H. Mitchell*  
Thomas H. Mitchell,  
Field Supervisor

THM:LL

DOMESTIC SERVICE	
Check the class of service desired: otherwise this message will be sent as a fast telegram	
TELEGRAM	<input checked="" type="checkbox"/>
DAY LETTER	<input type="checkbox"/>
NIGHT LETTER	<input type="checkbox"/>

# WESTER UNION TELEGRAM

1206 (4-55)

W. P. MARSHALL, PRESIDENT

INTERNATIONAL SERVICE	
Check the class of service desired: otherwise the message will be sent at the full rate	
FULL RATE	<input type="checkbox"/>
LETTER TELEGRAM	<input type="checkbox"/>
SHORE-SHIP	<input type="checkbox"/>

NO. WDS.-CL. OF SVC.	PD. OR COLL.	CASH NO.	CHARGE TO THE ACCOUNT OF	TIME FILED
	PD		OIL & GAS CONSERV. COMM.	11 a.m.

Send the following message, subject to the terms on back hereof, which are hereby agreed to

SEPTEMBER 30, 1960

HELIUM RESOURCES, INC.  
~~330 PETROLEUM CLUB BUILDING~~  
 DENVER, COLORADO

*1317 Delaware St Denver, Colo*  
*It is our understanding that your transaction with Western Oil & Gas*  
 PLEASE ADVISE WHETHER YOU ARE FILING WITH THIS COMMISSION A SUSPENSION OF OPERATIONS FORM REQUIRED BY LAW OR WHETHER YOU ARE GOING TO PLUG AND ABANDON THE HOLE WHICH YOU HAVE TAKEN OVER AND WHICH IS CARRIED AS WESTERN OIL AND GAS, FEDERAL #1, SECTION 24, TOWNSHIP 19N, RANGE 10E, COCONINO COUNTY, ~~ARIZONA~~. PLEASE ADVISE.

*W. P. Marshall*  
 D.A. JEROME  
 EXECUTIVE SECRETARY  
 OIL & GAS CONSERV. COMM.  
 3500 N. Central Av. Phx

*6/22/60*  
*W. P. Marshall*  
*9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30*

WESTERN UNION  
TELEGRAM

WESTERN UNION  
TELEGRAM

WESTERN UNION  
TELEGRAM

WUC082DH K DENVER COLO SEPT 20

D A JEROME OIL AND GAS CONSERVATION COMMISSION

3500 NORTH CENTRAL AVE PHOENIX ARIZ

YOUR TELEGRAM TO HELIUM RESOURCES INC 330 PETROLEUM  
CLUB BLDG IS UNDELIVERED AS ADDRESSEE IS UNKNOWN AT  
THIS ADDRESS

WESTERN UNION TELEGRAPH CO

306P

WESTERN UNION TELEGRAM  
DUPLICATE OF TELEGRAM

SEP 30 1100AM

AR 61/5EX PD  
CFN FURN

CR 93397

HELIUM RESOURCES INC

330 PETROLEUM CLUB BLDG

PLEASE ADVISE WHETHER YOU ARE FILING WITH  
THIS COMMISSION A SUSPENSION OF OPERATIONS  
~~FOR~~ FORM REQUIRED BY LAW ~~FOR~~ OR WHETHER YOU  
ARE GOING TO PLUG AND ABANDON THE HOLE WHICH  
YOU HAVE TAKEN OVER AND WHICH IS CARRIED AS  
WESTERN OIL AND GAS FEDERAL #ONE SECTION 24  
TOWNSHIP 19 NORTH RANGE 10 EAST COCONINO COUNTY  
PLEASE ADVISE.

DVR

D A JEROME  
OIL & GAS CONSERVATION  
COMMISSION  
3500 NORTH CENTRAL  
AVENUE PHOENIX

WESTERN UNION TELEGRAM  
DUPLICATE OF TELEGRAM

SAME

September 15, 1960

Mr. George C. Walters, Jr.  
P. O. Box 162  
Yarnell, Arizona

Dear Mr. Walters:

The Western Oil & Minerals Co. well you referred to in your letter of September 10th, was visited by me on September 7th. At that time, Commissioner Chilson of Flagstaff was with me. At the location we found that some 80-odd joints of 5½" casing had been recently removed from the well. There were signs of recent drilling, that is, sample bags indicating a depth of 2985 had been reached, but no sign of any gas or oil production. There was a bucket over the exposed intermediate strings of casing. It is my conclusion that no appreciable amount of gas has been produced from this well. There are reports that minor amounts of gas have been cased off.

Since my last visit to the well, I have been informed that drilling has progressed to a depth below 3000 feet.

It has been rumored that Western Oil & Minerals Co. has sold out to one Helium Resources Inc. The Oil and Gas Conservation Commission of the State of Arizona has not been notified of this transaction as required by the statutes. Should you have information regarding this transaction, if true, would you please convey to us the address or addresses of persons involved with Helium Resources Inc.?

If we can be of further assistance, please contact this office.

Yours very truly,

W. F. Maule  
petroleum Engineer

WFM/ew

Yarnell, Arizona,  
September 10th. 1960.

Mr. B. A. Jerome,  
Executive Secretary,  
Arizona Oil & Gas Commission,  
3500 N. Central Ave.,  
Phoenix, Arizona.

Dear Mr. Jerome :-

As a stockholder in the Western Oil & Minerals Co, supposed to be drilling an oil well up in Coconino County at Anderson Point, I have been given to understand that they have brought in a gas well which spouts or measures some 4 million Cubic feet of gas perday.

As a holder of some hundred thousand shares of stock in the company, I am interested in knowing if this report is true, and who measured the gas pressure.

Thanking you very much, I am ,  
very truly yours,

*Geo B Walters*

From - Geo. C. Walters Jr.,  
P.O. Box - 162,  
Yarnell, Arizona.



Mr. B. A. Jerome, Executive Secretary,  
Arizona Oil & Gas Commission,  
3500 N. Central Ave.,  
Phoenix, Arizona.

September 7, 1960

The Travelers  
Gas and Electric Building  
900 Fifteenth Street  
Denver 2, Colorado

Attention: Mr. Thomas H. Mitchell  
Field Supervisor

Dear Mr. Mitchell:

With regard to your letter of August 29th, be advised we have received a bond, Helium Resources, Inc., Principal, and a telegram from you that you were issuing the bond; and this is our complete file on Helium Resources, Inc.

We cannot release the bond of Western Oil and Minerals, Inc. (Bond No. 774408) because to the best of our knowledge and belief, they are still the operators of their Federal #1 well in Coconino County, Arizona.

Can you furnish this office with the address of Helium Resources, Inc.? Thank you very much.

Yours very truly,

W. F. Maule  
Petroleum Engineer

WFM/ew

# The Travelers

*The Travelers Insurance Company*  
*The Travelers Indemnity Company*

August 29, 1960

BRANCH OFFICE  
Gas and Electric Building  
900 15th Street at Champa Street  
DENVER 2, COLORADO  
Telephones MAin 3-7111

State Land Office  
State Land Commissioner  
Phoenix, Arizona

Re: Bond No. 774408 - Western Oil and Minerals, Inc.  
Oil and Gas Well Drill and Plugging Bond

Gentlemen:

Effective April 9, 1959 we executed a \$2,500. bond of the captioned type for Western Oil and Minerals, Inc.

Subsequent to that time thir firm was purchased by Helium Resources, Inc. of Denver, Colorado and we executed a \$2,500. bond for that firm effective August 4, 1960 pertaining to the same drilling site.

Since Western Oil and Minerals, Inc. is no longer financially interested we would like to cancel that bond in order to be able to make a return premium to that firm.

We would appreciate your checking these files and sending us the earliest possible date on which we may cancel bond No. 774408 on Western Oil and Minerals, Inc. and be relieved of all further liability. We are enclosing a self addressed stamped envelope for your convenience. Thank you.

Yours very truly,

*Thomas H. Mitchell*

Thomas H. Mitchell  
Field Supervisor

THM:pw  
enc:

RECEIVED  
SEP 2 1960  
STATE LAND  
DEPT.

12675

August 1, 1960

**THE TRAVELERS**  
Branch Office  
Gas & Electric Bldg.  
900 Fifteenth Street  
Denver 2, Colorado

Attention: Mr. Thomas H. Mitchell  
Field Supervisor

Dear Mr. Mitchell:

Enclosed are the necessary bond forms which you  
requested in your letter of July 28th, 1960.

Yours very truly,

W. F. Maule  
Petroleum Engineer

WFM/ew  
Enclosures (3)

Permit #72

# *The Travelers*

*The Travelers Insurance Company  
The Travelers Indemnity Company*

July 28, 1960

State Land Commissioner  
State Land Office  
Phoenix, Arizona

Re: \$2,500 Single Well Drilling Bond

Gentlemen:

We have agreed to issue a \$2,500 Single Oil Well Drilling Bond in favor of the State of Arizona on behalf of Helium Resources, Inc., A Colorado Corporation.

We do not have any Arizona Bond Forms of the appropriate type and would appreciate your sending us a few copies by air mail in order that we may issue the necessary bond right away. Thank you for your attention in this matter.

Yours very truly,

*Thomas H. Mitchell*

Thomas H. Mitchell  
Field Supervisor

THM:c

**CLASS OF SERVICE**

This is a fast message unless its deferred character is indicated by the proper symbol.

# WESTERN UNION TELEGRAM

W. P. MARSHALL, PRESIDENT



The filing time shown in the date line on domestic telegrams is LOCAL TIME at point of origin. Time of receipt is LOCAL TIME at point of destination.

LC213 KC012 SSC199

K DVA443 PD=FAX DENVER COLO28 152P MST=1960 JUL 28 PM 2 22  
STATE LAND COMMISSIONER=

STATE LAND OFFICE PHOENIX ARIZ=

RE: 2,500 OIL WELL DRILLING BOND HELIUM RESOURCES, INC.  
DENVER COLO

WE ARE ISSUING ABOVE BOND, BUT HAVE NO FORMS. LETTER  
FOLLOWS=

THOMAS H MITCHELL FIELD SUPERVISOR

STATE LAND DEPARTMENT

JUL 28 4 04 PM 1960

Form letter sent February 25, 1960 by instructions  
of Petroleum Engineer, W. F. Maule

EE

October 7, 1959

Mr. Lloyd R. Nuttall  
Western Oil and Minerals, Inc.  
10 W. Aspen  
Flagstaff, Arizona

Dear Mr. Nuttall:

Our file on your well is devoid of any information since the drilling permit was issued, and the bond filed. We, therefore, would greatly appreciate your company giving us full and complete information, concerning the well, including all reports, logs and samples required by the Rules and Regulations of this State.

California Standard has indicated they will release some money they owe you, upon receiving from us, assurance that you have met all requirements, including plugging and abandonment.

May we hear from you, at your earliest convenience.

Yours very truly,

---

D. A. Jerome  
Executive Secretary

DAJ/mar

April 17, 1959

Mr. Lloyd R. Nuttall  
Western Oil and Minerals, Inc.,  
10 W. Aspen  
Flagstaff, Arizona

Dear Mr. Nuttall:

We are transmitting herewith your copy of Notice of Intention to Drill New Well in Section 24, Township 19 North, Range 10 E., Coconino County, Arizona, and attached thereto, is a copy of the supplement of the casing program in conjunction with your drilling operation. This intent, together with the supplement constitutes your drilling permit No. 72.

The bond in the amount of \$2,500 executed by The Travelers Indemnity Company has been received this date.

We wish to inform you that all of the documents pertaining to your well have now been made of record in this office, and are in good order.

We wish to thank you for your cooperation in complying with our requirements. If we can be of further assistance to you please let us know.

Very truly yours,

STATE LAND COMMISSIONER

By: Frederick C. Ryan,  
Supervisor,  
Oil and Gas Conservation

nb  
Encl.



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
Land Office  
P. O. Box 148  
Phoenix, Arizona

IN REPLY REFER TO:  
LO:ES  
AR 016698

April 16, 1959

DECISION

Lessee:  
Western Oil and Minerals, Inc.

Oil and Gas  
Arizona 016698

Surety:  
The Travelers Indemnity Company

Bond Accepted

On April 16, 1959, there was filed in this office, in connection with the above-mentioned oil and gas lease, \$5000 bond, No. 77409, executed April 9, 1959, by Western Oil and Minerals, Inc., as principal, and The Travelers Indemnity Company, as surety. The bond has been examined and is hereby accepted.

*Thos. F. Britt*

Thos. F. Britt  
Manager

To: Lessee (Denver)  
Lessee (Flagstaff)  
Surety (2)  
Dist. Eng., USGS  
O&G Supv., USGS (3)  
USFS (3)  
State Land Dept.



5321

CLASS OF SERVICE

This is a fast message unless its deferred character is indicated by the proper symbol.

# WESTERN UNION TELEGRAM

W. P. MARSHALL, PRESIDENT

SYMBOLS

DL=Day Letter

NL=Night Letter

LT=International Letter Telegram

1201

destination

The filing time shown in the date line on domestic telegrams is STANDARD TIME at point of origin. Time of receipt is STANDARD TIME at destination.

(54) • 54

LB099

L DVA063 PD=FAX DENVER COLO 15 947AMM=

1959 APR 15 AM 10 03

STATE LAND OFFICE=

PHOENIX ARIZ=

ATTN MR RYAN

9 CONFIRMING WIRE SENT YOU 4/9/59 RE: BOND 774408

WESTERN OIL AND MINERALS, INC

9 CERTIFIED COPY MY P/A ATTACHED TO BOND BEING FORWARDED TODAY=

B R CLARK ATTORNEY = IN = FACT=

79

**WESTERN OIL AND MINERALS, INC.**

710 SOUTH FOURTH STREET  
LAS VEGAS, NEVADA  
TELEPHONE DUDLEY 2-8284

DENVER, COLORADO  
330 PETROLEUM CLUB BLDG.  
ACOMA 2-1879

April 11, 1959

REPLY TO:  
WESTERN OIL & MINERALS INC.  
10 W. ASPEN FLAGSTAFF, ARIZ.

State Land Department  
State of Arizona  
Phoenix, Arizona

ATT: Mr. Frederick C. Ryan

Dear Mr. Ryan:

I am making reference to our telephone conversation this morning and our recent filing with your office regarding our drilling site on Walters #1 in Coconino County, Arizona.

In accordance with your suggestion we would like to request approval to move the dedicated 40 acres, from our original location as follows: 200 feet south and 410 feet East. Any future wells drilled will necessarily take this fact into consideration, in accordance with your new regulations.

I would appreciate receiving a copy of the new regulations as soon as possible.

Thank you very much for your assistance.

Very truly yours,

Western Oil & Minerals, Inc.

BY: *Lloyd R. Jettall*

PS. I have just talked to Denver regarding our bond and they tell me it has been sent.

6131



72

## WESTERN OIL AND MINERALS, INC.

710 SOUTH FOURTH STREET  
LAS VEGAS, NEVADA  
TELEPHONE DUDLEY 2-8284

REPLY TO:  
WESTERN OIL & MINERALS INC.  
10 W. ASPEN FLAGSTAFF, ARIZ.

DENVER, COLORADO  
330 PETROLEUM CLUB BLDG.  
ACOMA 2-1579

April 12, 1959

State Land Department  
State of Arizona  
Phoenix, Arizona

ATT: Frederick C. Ryan

Dear Mr. Ryan:

Mr. O'Neill of our Denver office called me yesterday (Sat) and told me about your recent letter regarding the Walters #1 Well Site and the survey we had made. I have not read the letter however I want to explain our situation immediately regarding the choice of this well site.

The spot was picked based on several Geological Engineering reports, that would give your office, and all interested parties, including ourselves, the maximum information on the best stratigraphic section in the area. Also after talking to the Forrest Service representatives we wanted to do the least damage to the surface area, trees, etc. Had we gone to the absolute center of the  $S_{\frac{1}{4}} NW_{\frac{1}{4}}$  we would have had to cut many more trees on the Forrest Land, and we would not have had the best possible location from a Geological standpoint.

I considered after talking to you last in Phoenix, that we were free to drill our first test at the best possible location in the  $SE_{\frac{1}{4}} NW_{\frac{1}{4}}$  Sec. 24. If such is not the case I would like to request a waiver in this particular case, in order that we can secure the best possible information for all concerned. We are drilling on a 1805 acre Federal Lease, and can certainly make adjustments on future wells that can offset the location of the present test.

As of today we have spent upwards of \$6,000 getting set to spud in. However you can rest assured we will not begin the operation until all legal technicalities are complied with.

I would like to thank you for your cooperation and assistance in our getting started in this new area. The Forrest Service also requires a drilling permit, however they have told us to go ahead and begin and seem to be well satisfied with our land clearing and road work we accomplished.

I will telephone you Monday PM at which time we can discuss this further. Also I expect to have a copy of your letter by Monday morning.

Very truly yours,

Western Oil & Minerals, Inc  
BY Lloyd R. Duttall

CLASS OF SERVICE  
This is a fast message unless its deferred character is indicated by the proper symbol.

# WESTERN UNION TELEGRAM

SYMBOLS  
DL=Day Letter  
NL=Night Letter  
LT=International Letter Telegram

1201

W. P. MARSHALL, PRESIDENT

The filing time shown in the date line on domestic telegrams is STANDARD TIME at point of origin. Time of receipt is STANDARD TIME at point of destination

LB499

(22)

L DVA277 PD=FAX DENVER COLO 9 309PMM= 1959 APR 9 PM 3 50

STATE LAND OFFICE=

PHOENIX ARIZ=

*capital annex of Bldg.*

ATTN MR RYAN WE HAVE APPROVED WESTERN OIL AND MINERALS  
INC = BOND NO. 774408 \$2,500 IN FAVOR OF STATE OF  
ARIZONA = DRILLING AND PLUGGING COVERING S E OF N W  
SECTION 24 TOWNSHIP 19 N. RANGE 10 E COCONINO COUNTY,  
ARIZONA. REQUEST COPIES OF STATE LAW AND BOND FORMS  
RELATIVE TO ABOVE BE SENT US=

B R CLARK ATTORNEY IN FACT==

774408 \$2,500 24 19 10 E ALSO S E OF N W=

WESTERN UNION  
TELEGRAM

APR 9 4 34 PM 1933

*In any Occasion  
it's wise  
to wire*

50  
(See envelop)

JCR

SEASLAND RELAY UNIT

APR 9 ~~5:05~~ PM 1959  
4:35 (See envelop)

⑥ ⑥ ⑥ JCR

WESTERN UNION  
TELEGRAM

**WESTERN OIL AND MINERALS, INC.**

710 SOUTH FOURTH STREET  
LAS VEGAS, NEVADA  
TELEPHONE DUDLEY 2-8284

DENVER, COLORADO  
330 PETROLEUM CLUB BLDG.  
ACOMA 2-1879

March 30, 1959

State Land Department  
State of Arizona  
Phoenix, Arizona

Attention: Frederick C. Ryan, Supervisor  
Oil and Gas Conservation

Dear Mr. Ryan:

Thank you for your letter of March 26, 1959.

There are no volcanics within 3/4 of a mile of our drilling site. After careful and detailed rechecking, we consider 100' of surface (13 3/8" O.D.) casing will be adequate to hold any pressures and will be adequate for any surface water. These facts are borne out by two previous unsuccessful water wells, one of which was drilled to 1297' approximately 2000' south of our site in Section 24, T. 19N, R. 10E., where only 16' of surface casing was set and no surface water was encountered.

We request a change of surface casing program to 100' of pipe and will set intermediate casing as required at later depths to seal off fresh water. Your office will be notified of specific intermediate casing programs as encountered. This is a planned basement test and we will use a Cardwell Cable Tool rig with a 65' derrick.

We appreciate your cooperation and assistance and request that you direct further correspondence to Western Oil and Minerals, Inc.,  
c/o General Delivery, Flagstaff, Arizona.

Very truly yours,

WESTERN OIL & MINERALS, INC.

By: Lloyd R. Nuttall  
Lloyd R. Nuttall, President

LRN/ib  
cc District Engineer  
United States Geological Survey  
Farmington, New Mexico



5097

(SUPPLEMENT TO CASING PROGRAM)

Dear Fritz.

This is a sticker. I am not sure if they are starting to drill in volcanics but if they are surface casing should penetrate thickness of volcano to seal off possible perched water. They are not likely to hit fresh water again until they reach below 1500 feet or possibly as much as 2000 feet. What kind of rig are they going to use? How do they propose to protect this deep fresh water zone? 200 ft is ample if they are not starting in volcanics. However I would still like to know the answer to any other questions.

FORM 4-534B  
(JUNE 1957)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
Land Office, Box 148  
Phoenix, Arizona

DECISION  
March 27, 1959

Assignor: George C. Walters, Jr.

Assignee: Western Oil & Minerals, Inc.

LO:KS

Arizona 016658

(Serial Number)

Assignment  
Filed or completed:

March 19, 1959

(Date)

Approved effective 4-1-59  
Lease dated 8-1-57

OIL AND GAS LEASE ASSIGNMENT APPROVED

The above-captioned assignment of oil and gas lease is hereby approved, effective on the first day of the lease month following the date of its filing or completion.

Acceptable evidence of the qualifications and holdings of the assignee under the Mineral Leasing Act, as amended, has been filed. The showing as to overriding royalties and payments out of production conforms to the regulations.

Extent of interest assigned: 100%. (1805 acres)

There is no bond involved.

Orig to: Assignee (Denver)  
Copy to: Assignee (Flagstaff)  
Assignor  
O&G Supv., USGS (3)  
Dist. Eng., USGS, Farmington  
USFS (3)  
State Land Dept.

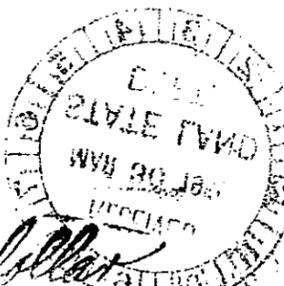
*Roy T. Helmsdollar*

(Signature)

Roy T. Helmsdollar, Acting Manager

(Title)

Attachment



72

FORM 4-334B  
(JUNE 1957)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

DECISION

Assignment  
Filed or completed:  
(Date)  
Assignment Number:  
(Serial Number)

Assignor: *[Name]*  
Assignee: *[Name]*

OIL AND GAS LEASE ASSIGNMENT APPROVED

The above-captioned assignment of oil and gas lease is hereby approved, effective on the first day of the lease month following the date of its filing or completion.  
Acceptable evidence of the qualifications and holdings of the assignee under the mineral leasing Act, as amended, has been filed. The showing as to overriding royalties and payments out of production conforms to the regulations.  
Extent of interest assigned: *[Percentage]*  
There is no other interest.



(Signature)

*[Signature]*

(Title)

4963

Attachment

Sic 13 - all C

" 14 - all

" 24 - N2 - NR SW -

N2 NE SE SW - SR SE SE SW

NR NR SE - SW NW SE - NR SE NW SE

NR SW NE SE - NR SE NE SE -

SE SE NE SE - NE NE SE SE -

SR NR SE SE - SR SE SE - SE NE SW SE

NE SE SW SE - SR SR SW SE

19N - 10E

Original:

Lloyd R. Nuttall

assign to: Geo C. Waltrough

Off 12/1/57

assign to: Western Oil &  
Minerals, Inc

Off 4/1/59

March 26, 1959

Western Oil & Minerals, Inc.,  
330 Petroleum Club Building  
Denver, Colorado

Attention: Lloyd R. Nuttall, President

Dear Mr. Nuttall:

This is in reference to your proposed well on the Anderson Point Anticline in Coconino County, Arizona.

Phil Johnson, our geologist, to whom your drilling intent was sent to check out the proposed casing program has raised certain questions regarding water protection in the hole. His first question is whether you are starting in the volcanics. If this is so, the surface casing should be carried far enough to penetrate any possible thickness of volcanics to seal off possible perched water. If you are not starting in volcanics, 200' of surface casing is adequate. According to Mr. Johnson, there is a good possibility of hitting fresh water again below 1500', possibly as deep as 2,000'. The manner of protection of this deeper water would of course depend on the type of rig you are going to use, and which I failed to note from our conversation of March 20th.

Would you please transmit to us by return mail a statement of the pertinent facts as you know them in regard to the fresh water and extent of volcanics, and an outline of your plan of confining the deeper water. This statement then will serve as a supplement to your intent in that it will amplify and tie down your proposed casing program.

For your information, Maryland Casualty Company has not forwarded bond to this office as yet. Thank you for your cooperation. Please call on us for any possible assistance we might give.

Very truly yours,

STATE LAND COMMISSIONER

By: Frederick C. Ryan,  
Supervisor,  
Oil and Gas Conservation

FCR:mb  
cc: P.O.Box 1978, Phoenix

*from the desk of* \_\_\_\_\_

MURIEL R. BATES

March 23, 1959

Dear Phil:

Inclosed please find intent for Western Oil & Minerals, Inc. Fed. #1 located in Sec. 24, T. 19 N., R. 10 E. for your approval. Please check it over and return to me.

I am also sending cards for your book.

SB #112 went through on the appropriation, but don't know how much money. Will try to find out.

Regards, and a Chocolate Easter Egg to you -----TOO.

MB

72

4786

Reply To:

March 23, 1959



Director, Land Office  
Bureau of Land Management  
Phoenix, Arizona

Re: Coconino County Test  
SE NW Sec. 24, T. 19N, R. 10E  
Anderson Point Anticline

Dear Sir:

On March 19, 1959, this company filed certain requests for approval of assignments of Oil and Gas Leases, more specifically, ARIZONA Serial 016658, dated August 1, 1957.

This company plans to move a drilling rig on location SE NW Sec. 24, T. 19N, R. 10E., Coconino County, Arizona, not later than April 6, 1959, and the District Engineer, U. S. G. S., 208 Main, Farmington, New Mexico, requests the above assignment be made and that office notified prior to commencement of drilling operations.

When the above assignment is effective, would you please notify the above office in Denver, and information copy of the letter approved to this company, c/o General Delivery, Flagstaff, Arizona.

Thank you for your assistance.

Very truly yours,

WESTERN OIL & MINERALS, INC.

By: Lloyd R. Nuttall  
Lloyd R. Nuttall, President

LEN/ib  
cc. District Engineer, U.S.G.S.  
208 Main  
Farmington, New Mexico

Mr. Frederick C. Ryan  
Office; Oil and Gas Conservation  
State Land Department  
Phoenix, Arizona

72

